

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that CUMBERLAND COUNTY
RECREATION CENTER

Located At 82 FREE ST

Job ID: 2012-08-4824-ALTCOMM

CBL: 038-D-015-001

has permission to Commence Phase I, Permit 2 for ONLY core & shell, concrete & steel construction at the Northwest corner provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be

Fire Prevention Officer

 10/9/12

Code Enforcement Officer / Plan Reviewer

THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY
PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, FAX: (207) 8716

Job No: 2012-08-4824-ALTCOMM	Date Applied: 8/28/2012	CBL: 038-D-015-001	
Location of Construction: 82 FREE ST	Owner Name: CUMBERLAND COUNTY RECREATION CENTER	Owner Address: 1 CIVIC CENTER SQ PORTLAND, ME 04101	Phone: 775-3481
Business Name: Cumberland County Civic Center	Contractor Name: Cianbro Corporation - Brian Larsen	Contractor Address: Construction site Trailer - 57 Center Street, Portland, ME 04101	Phone: 860-462-4429
Lessee/Buyer's Name:	Phone:	Permit Type: BLDG	Zone: B-3
Past Use: County Civic Center	Proposed Use: Same: Phase ¹ Permit 2 (phase I demo under #2012-07-4561) construction on NW corner with steel and foundation	Cost of Work: \$1,192,000.00	CEO District:
		Fire Dept: <input checked="" type="checkbox"/> Approved w/ conditions <input type="checkbox"/> Denied <input type="checkbox"/> N/A <i>10/9/12</i>	Inspection: Use Group: A4/B Type: IB MUBEC'09 Signature: <i>JMB</i>
Proposed Project Description: Phase II / Steel & Foundation		Pedestrian Activities District (P.A.D.) <i>10/9/12</i>	
Permit Taken By: Gayle		Zoning Approval	

<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building Permits do not include plumbing, septic or electrical work.</p> <p>3. Building permits are void if work is not started within six (6) months of the date of issuance. False informatin may invalidate a building permit and stop all work.</p>	<p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland <i>N/A</i></p> <p><input type="checkbox"/> Wetlands</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input checked="" type="checkbox"/> Site Plan <i>#2012-505</i></p> <p><input checked="" type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM</p> <p>Date: <i>OK with conditions</i> <i>10/29/12</i></p>	<p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date:</p>	<p>Historic Preservation</p> <p><input type="checkbox"/> Not in Dist or Landmark</p> <p><input type="checkbox"/> Does not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p>Date:</p>
	CERTIFICATION		

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

or email: buildinginspections@portlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months. If the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.**

Footings/Setbacks prior to pouring concrete

Plumbing Rough Commercial

Foundation/Rebar

Close In Elec/Plmb/Frame prior to insulate or gyp

Foundation/Backfill

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.



PORTLAND MAINE

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Director of Planning and Urban Development
Jeff Levine

Job ID: 2012-08-4824-ALTCOMM

Located At: FREE ST

CBL: 038- D-015-001

Conditions of Approval:

Zoning

1. Separate permits shall be required for any new signage.
2. This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.
3. As discussed during the review process, the property must be clearly identified prior to pouring concrete and compliance with the required setbacks must be established. Due to the proximity of the setbacks of the proposed addition, it may be required to be located by a surveyor.
4. This B-3 zone has maximum noise allowances. The City of Portland strictly enforces the level of sound generated on the property. Any verified noise violations shall require the owner to take mitigating measures to bring the property and the noise it generates into compliance.
5. All previous conditions are still in effect

Building

1. Application approval based upon information provided by the applicant or design professional. Any deviation from approved plans requires separate review and approval prior to work.
2. A final special inspection report shall be submitted prior to issuance of a certificate of occupancy. This report must demonstrate all deficiencies and corrective measures that were taken.
3. As per the architect, the spray fire resistance coatings will be inspected by S. W. Cole and a report shall be submitted prior to the final inspection for the project.
4. Separate permits are required for any electrical, plumbing, sprinkler, fire alarm, HVAC systems, heating appliances, including pellet/wood stoves, commercial hood exhaust systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.

Fire

1. This permit is for **Phase I core and shell only**. The permit holder shall proceed at the holder's risk without assurance that a permit for the entire structure will be granted. The Fire Department will be requiring an **approved independent 3rd party review** to be completed and then approved by the Fire Department at the owner's expense prior to issuance of any further permits.
2. All construction shall comply with City Code Chapter 10.

3. Application requires State Fire Marshal approval.
4. 1-hour fire rated **temporary separation** walls and 45-minute opening protectives shall be provided between construction areas and an occupied building.
5. The **fire protection plan and fire safety program** shall be followed and enforced by the general contractor's fire prevention program manager.
6. The facility shall not be used for any event without an **approved life safety plan**.
7. **Fire Alarm system shall be maintained** in accordance with NFPA 1 and 72. The fire alarm shall be fully operational when the building is open for general occupancy and if system is to be off line over 4 hours during periods that the building is not open for general occupancy a fire watch shall be in place. Dispatch notification required 874-8576.
8. **Suppression systems shall be maintained** in accordance with NFPA 1 and 25. The fire suppression systems shall be fully operational when the building is open for general occupancy and if system is to be off line over 4 hours during periods that the building is not open for general occupancy a fire watch shall be in place. Dispatch notification required 874-8576.
9. Fire extinguishers are required per NFPA 1.
10. All required means of egress to remain accessible at all times.
11. New elevators are required to be ADA compliant.
12. Any cutting and welding done will require a Hot Work Permit from Fire Department. Where required a **fire watch** shall be maintained for at least ½ hour after the completion of hot work operations in order to detect and extinguish smoldering fires.
13. A person discovering any **unwanted fire**, regardless of magnitude, shall **immediately notify the fire department** (NFPA 1:10.7.1).
14. Walls in structure are to be labeled according to fire resistance rating. IE; 1 hr. / 2 hr. / smoke-proof.
15. A single source supplier should be used for all through penetrations.
16. Non-combustible construction of this structure requires all construction to be Non-combustible.

Will email 288

2012-08- (2nd Permit Application) YF 24

General Building Permit Application *Goyler*



If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: <u>Cumberland County Civic Center Renovation</u> <u>82 Free Street, Portland, Maine</u>		
Total Square Footage of Proposed Structure/Area <u>156,200 s.f. total</u>		Square Footage of Lot <u>100,536 SF or 2.308 acres</u>
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# <u>038 D 15</u>	Applicant * <u>must be owner, Lessee or Buyer</u> * Name <u>Cumberland County</u> Address <u>Recreation Center d/b/a</u> <u>One Civic Center Square</u> City, State & Zip <u>Portland, ME 04101</u>	Telephone: <u>207-775-3481</u>
Lessee/DBA (If Applicable) RECEIVED AUG 28 2012 Dept. of Building Inspections City of Portland, Maine	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: \$ <u>1,191,779.00</u> C of O Fee: \$ _____ Total Fee: \$ _____
Current legal use (i.e. single family) <u>Assembly</u> <i>phase 1 - demo 4561</i>		
If vacant, what was the previous use? _____		
Proposed Specific use: <u>Assembly</u> <i>#2 phase - 482A - this one</i>		
Is property part of a subdivision? <u>No</u> If yes, please name _____		
Project description: -Phase 1 (1st permit app.) of the project will be the Demolition of the NW corner and associated Sitework for the project. -Second permit application will be for the NW corner envelope, steel, & foundations. -Third permit application will be the full construction documents for the NW corner completion / fit-out -Fourth permit application will be the full Phase 2 construction documents for the remainder of the project		
Contractor's name: <u>Cianbro Corporation</u>		
Address: <u>72 Dutton Street</u>		
City, State & Zip <u>Bangor, ME 04401</u>		Telephone: <u>207-992-0460</u>
Who should we contact when the permit is ready: <u>Brian Larsen</u>		Telephone: <u>860-462-4429</u>
Mailing address: <u>Construction Site Trailer: 57 Center St, Portland, ME 04101</u>		

Please submit all of the information outlined on the applicable Checklist. Failure to do so will result in the automatic denial of your permit.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at www.portlandmaine.gov, or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature:	Date: <u>8/27/2012</u>
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This is not a permit; you may not commence ANY work until the permit is issue



Certificate of Design Application

From Designer: WBRC Architects / Engineers
 Date: August 28, 2012
 Job Name: Cumberland County Civic Center Renovation
 Address of Construction: One Civic Center Square, Portland, ME 04101

2009

~~2003~~ International Building Code

Construction project was designed to the building code criteria listed below:

Building Code & Year 2009 IBC Use Group Classification (s) Assembly A-4 and Business
 Type of Construction Type I-B (IBC) & Type II-222 (NFPA 101)
 Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2003 IRC meeting NFPA 13&14
 Is the Structure mixed use? Yes If yes, separated or non separated or non separated (section 302.3) Un-separated
 Supervisory alarm System? Yes Geotechnical/Soils report required? (See Section 1802.2) Attached

Structural Design Calculations (see drawings)

Submitted for all structural members (106.1 - 106.11)

Design Loads on Construction Documents (1603)

Uniformly distributed floor live loads (7603.11, 1807)

Floor Area Use	Loads Shown
<u>Fixed Seats</u>	<u>60 psf</u>
<u>Offices</u>	<u>50 + 15 partitions</u>
<u>Marquees</u>	<u>75 psf</u>
<u>Continued below...</u>	

Wind loads (1603.1.4, 1609)

Simplified Method

Design option utilized (1609.1.1, 1609.6)
100 mph Basic wind speed (1809.3)
III, 1.15 Building category and wind importance Factor, I_w
C Wind exposure category (1609.4)
+/- 0.18 Internal pressure coefficient (ASCE 7)
upto 45.4 psf Component and cladding pressures (1609.1.1, 1609.6.2.2)
20 psf Main force wind pressures (7603.1.1, 1609.6.2.1)

Earth design data (1603.1.5, 1614-1623)

Equiv. Lat. Force Design Option utilized (1614.1)
A III Seismic use group ("Category")
0.16, 0.052 Spectral response coefficients, S_D & S_{D1} (1615.1)
B Site class (1615.1.5)

Follow spots, projection & control booths: 50 psf
 Bleachers, lobbies, concourse, balconies, corridors, movable seating areas: 100 psf
 Catwalks: 40 psf

not used Live load reduction
snow governs Roof *live* loads (1603.1.2, 1607.11)
43 psf Roof snow loads (1603.7.3, 1608)
50 psf Ground snow load, P_g (1608.2)
43 psf If $P_g > 10$ psf, flat-roof snow load P_f
1.0 If $P_g > 10$ psf, snow exposure factor, C_e
1.1 If $P_g > 10$ psf, snow load importance factor, I_s
1.1 Roof thermal factor, C_t (1608.4)
43 psf Sloped roof snowload, P_s (1608.4)
A Seismic design category (1616.3)
** Basic seismic force resisting system (1617.6.2)
3, 3 Response modification coefficient, R , and deflection amplification factor C_d (1617.6.2)
Equiv. Lat. Force Analysis procedure (1616.6, 1617.5)
T.B.D. Design base shear (1617.4, 1617.5.1)

Flood loads (1803.1.6, 1612)

n/a Flood Hazard area (1612.3)
FFE = 50' - 10" Elevation of structure at Mechanical Basement
Other loads

up to 2000 lbs Concentrated loads (1607.4)
15 psf Partition loads (1607.5)
Mechanical, Scoreboard, Misc. loads (Table 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404)
self weights



Certificate of Design

Date: July 27, 2012

From: WBRC Architects / Engineers

These plans and / or specifications covering construction work on:


The Cumberland County Civic Center Renovation to be complete

at One Civic Center Square in Portland, Maine. *PHASE ONE*

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the *2003 International Building Code* and local amendments.
2009



For WBRC Architects / Engineers

Signature: 
Michael Johanning

Title: Architect

Firm: WBRC Architects / Engineers

Address: 30 Danforth St., Suite 306

Portland, Maine 04101

Phone: 207-947-4511

For more information or to download this form and other permit applications visit the Inspections Division on our website at www.portlandmaine.gov

Cumberland County Civic Center Renovation

Permit Application Checklist

- Cross Sections w/ framing details – **S3.00 thru S5.05 and A3.20 thru A3.42**
- Detail of any new walls or permanent partitions – **A9.00**
- Floor plans and elevations – **A2.21A thru A2.61A and A3.01**
- Window and door schedule – **A9.85 thru A9.96**
- Foundation plans and rebar specifications and required drainage and damp proofing – **S2.21, S3.00 thru S3.03 and A8.10**
- Detail egress requirements and fire separations – **LS.01 thru LS.40**
- Insulation R-factors:
 - walls = **R-18,**
 - ceilings = **R-30,**
 - floors = **R-11,**
 - U-factors of windows = **0.32**
- Complete the Accessibility Certificate and The Certificate of Design – **Attached**
- A statement of special inspections as required per the IBC 2003 – **S0.02**
- Complete Electrical and plumbing layout – **Future Submission**
- Mechanical drawings for any specialized equipment such as furnaces, chimneys, gas equipment, HVAC equipment (air handling) or other types of work that may require special review – **Future Submission**
- Per State Fire Marshall, all new bathrooms must be ADA compliant

City of Portland Planning Board Approval received on 07-24-12

- A stamped boundary survey to scale showing north arrow, zoning district and setbacks to a scale of greater than or equal to 1" = 20' on paper greater than or equal to 11" x 17" – **See Civil Drawings**
- The shape and dimension of the lot, footprint of the proposed structure and the distance from the actual property lines. – **CP101**
- Location and dimensions of parking areas and driveways, street spaces and building frontage – **CP101**
- Finish Floor or sill elevation (based on mean sea level datum) – **CG101**
- Location and size of both existing utilities in the street and the proposed utilities serving the building – **CU101**
- Existing and proposed grade contours – **CG101**
- Silt fence (erosion control) locations – **CP101**

Portland Fire Department

Cumberland County Civic Center Renovation

Building Permit Checklist

1. Name, Address, and telephone number of applicant
**Cumberland County Recreation Center d/b/a
Cumberland County Civic Center
One Civic Center Square
Portland, Maine 04101
ph: 207-775-3481**
2. Name, Address, and telephone number of architect
**WBRC Architects · Engineers
Michael Johanning
30 Danforth St., Suite 306
Portland, ME 04101
ph: 207-828-4511**
3. Proposed use of structure [NFPA and IBC classification]
Assembly
4. Square footage of proposed structure [Total and per story]
**Total existing = 118,400 s.f.
Total existing & proposed = 156,200 s.f.
Mechanical Level (existing & proposed) = 7,425 s.f. (*mezzanine to the Event Level*)
Event Level (existing & proposed) = 35,800 s.f.
Bowl (existing) = 59,700 s.f.
Concourse Level (existing & proposed) = 44,450 s.f.
Mid Suites Level (proposed) = 5,300 s.f.
Upper Suites Level (proposed) = 3,525 s.f. (*mezzanine to the Mid Suites Level*)**
5. Existing and proposed fire protection of structure - **refer to Code Report (See Project Manual Appendix)**
6. Separate plans shall be submitted for
 - a. Suppression system – **Future Phase submission**
 - b. Detection system [a separate permit is required] – **Future Phase submission**
7. A separate Life Safety Plan shall be submitted to include the following.
(Life Safety Plans to be updated with Future Phase Core Drawings)
 - a. Fire resistance ratings of all means of egress –
 - b. Travel distance from most remote point to exit discharge -
 - c. Location of any required fire extinguishers -
 - d. Location of emergency lighting -
 - e. Location of exit signs -
 - f. NFPA 101 code summary -
8. Elevators shall be sized to fit an 81" x 23" stretcher

Portland Fire Department

Cumberland County Civic Center Renovation

Site Review Fire Department Checklist

1. Name, Address, and telephone number of applicant
**Cumberland County Recreation Center d/b/a
Cumberland County Civic Center
One Civic Center Square
Portland, Maine 04101
ph: 207-775-3481**

2. Name, Address, and telephone number of architect
**Architect: WBRC Architects · Engineers
Michael Johanning
30 Danforth St., Suite 306
Portland, ME 04101
ph: 207-828-4511**

**Civil Engineer: WBRC Architects · Engineers
A. Ray Bolduc, P.E.
44 Central Street
Bangor, ME 04401
ph: 207-947-4511**

3. Proposed use of structure [NFPA and IBC classification] - **Assembly**

4. Square footage of proposed structure [Total and per story]
Total existing = 118,400 s.f.
Total existing & proposed = 156,200 s.f.
Mechanical Level (existing & proposed) = 7,425 s.f. (*mezzanine to the Event Level*)
Event Level (existing & proposed) = 35,800 s.f.
Bowl (existing) = 59,700 s.f.
Concourse Level (existing & proposed) = 44,450 s.f.
Mid Suites Level (proposed) = 5,300 s.f.
Upper Suites Level (proposed) = 3,525 s.f. (*mezzanine to the Mid Suites Level*)

5. Elevation of all structures – **A3.01**
6. Proposed fire protection of all structures – **refer to Code Report (See Project Manual Appendix)**
7. Hydrant locations – **CP101**
8. Water main[s] size and location – **CU101**
9. Access to any fire department connections – **CP101**
10. Access to all structures [min. 2 sides] – **CP101**
11. A code summary shall be included referencing NFPA 1 and all fire department. Technical standards
-**refer to Code Report (See Project Manual Appendix)**
12. Elevators shall be sized to fit an 81" x 23" stretcher and two personnel

Copy

Marge Schmuckal - One Civic Center Square

From: Marge Schmuckal
To: Rick Knowland
Date: 6/8/2012 12:33 PM
Subject: One Civic Center Square

Hi Rick,
Here are my comments for this project:

One Civic Center Square - 38-D-15 & 39-C-3
2012-505 B-3 Zone
June 8, 2012

I have reviewed the plans and preliminary comment concerning the project to create additions to the existing Civic Center and to revise and rebuild the loading area off Center Street.

Section 14-220(c) Street wall build-to line: This project is working with an existing building that was constructed in 1972/73. It is currently legally nonconforming in regard to this section of the Ordinance. The additions are actually lessening the nonconformity. Lessening any legal nonconformity is encouraged. So I believe that this section of the Ordinance is being met.

Section 14-220(h) Minimum building height: The Ordinance requires a minimum building height of 35' in the B-3 zone. However, there are exceptions. I concluded that exception #1 allows a lower building height for accessory building components such as the loading docks. Exception #4 allows the building additions to the existing building to be exempt because they are extending out closer to the street line. Therefore I believe this section of the Ordinance is being met.

The maximum height in this area is 150' with an allowance for an additional 40' cap height. The current building which will not be altered, is given to be 72' and well under the maximum.

Sound data has been submitted showing that the chillers should be able to meet the maximum noise restrictions of the B-3 zone.

It is my understanding that the Planning Board will be making the final determination of required parking.

Separate sign permit(s) shall be required. It is my understanding that the proposed signage will need to be reviewed under the special exception review criteria.

Marge Schmuckal
Zoning Administrator

Applicant: WBRC Arch: Eng. Date: 6/6/12

Address: ONE Civic Center Square C-B-L: 38-D-15 & 39-C-3

CHECK-LIST AGAINST ZONING ORDINANCE

Date -

Zone Location - B-3 Not in PAD - Not in Historic

Interior of corner lot - Free/Spring/Center St uses allowed

Proposed Use/Work - Additions to existing Bldg & New Loading Area

Sevage Disposal - City 61,300^{sq ft} increased SPAG
45,213^{sq ft}

Lot Street Frontage - 15' min - well over - 1085' given

Front Yard -

Rear Yard - none req

Side Yard -

Projections -

Width of Lot - N/A

Height - MAX-150' → 72' indented / min Bldg height 35' - meet exception #4
14-220(h) June 4, 2007
& #1 for loading docks

Lot Area - NOW min - 2,308 ACRES - 100,536^{sq ft} given

Lot Coverage Impervious Surface - 100% allowed 95.5% given

Area per Family - N/A

Off-street Parking - PB Approved

Loading Bays - showing New

Site Plan - 2012-505

Shoreland Zoning/ Stream Protection - N/A

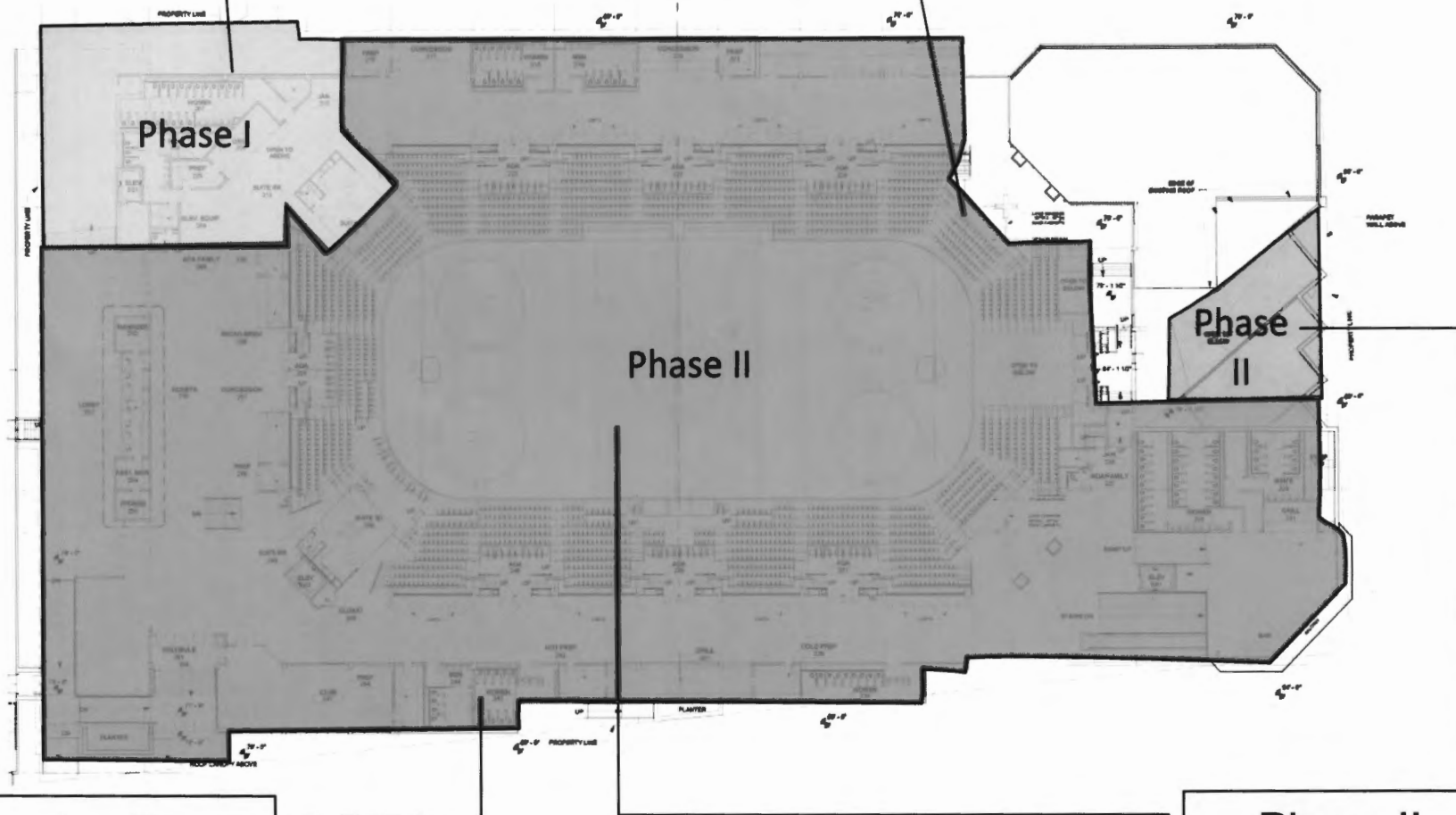
Flood Plains - panel 13 - Zone C 14-220(c)

- street wall build to line: lessening their legal non conformity
- Submitted Sound DATA - 55 dBAs → 9:00pm to 7:00am & 60 dBAs 7:00am to 9:00pm AT boundaries

Updated Budget Summary

Phase I
\$3,690,661

Fan Rooms
\$941,950



Locker Room
\$572,495

Grand Total - \$28,369,433

Phase II
\$23,164,326

Updated List of Alternates

• Current Alternate List

– Diamond Grinding / Sealing Floors	\$295,136
– Concrete Sealer in Bowl (<i>Shown on Dwg's</i>)	\$137,312
– Furnish and Install Rigging Steel	\$239,432
– Paint Underside of Pre-Cast Bleachers	\$54,438
– Replace Fire Pump	\$26,457
– Relocate Scoreboard	\$64,872
– Skywalk on West End	\$394,638
– Relocating Northeast Video Room	\$52,500
– Make Up Air Units for Kitchen Hoods (<i>Shown on Dwg's.</i>)	\$0.00
– Site Improvements (<i>Shown on Dwg's.</i>)	\$576,587
– <i>Club Seating – 345 Seats to 300 Wider Seats</i>	<i>\$3,290</i>
– <i>Extend Hockey Season 30 Days due to Playoffs</i>	<i><u>\$234,359</u></i>
Total Alternates:	\$2,079,022



PORTLAND MAINE

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Receipts Details:

Tender Information: Cash
Tender Amount: 0

Receipt Header:

Cashier Id: gguertin
Receipt Date: 8/28/2012
Receipt Number: 47622

Receipt Details:

Referance ID:	7812	Fee Type:	BP-Constr
Receipt Number:	0	Payment Date:	
Transaction Amount:	0.00	Charge Amount:	11940.00 <i>owed</i>
Job ID: Job ID: 2012-08-4824-ALTCOMM - Phase II /Steel & Foundation			
Additional Comments:			

Thank You for your Payment!

MASTER ESTIMATE SUMMARY Cumberland County Civic Center - Portland, ME

Run Date: 24-Jul-12

Base Estimate	May 22, 2012				June 27, 2012				July 25, 2012			
	AREA	QTY	UNIT	COST	COST/SF	QTY	UNIT	COST	COST/SF	QTY	UNIT	COST
(1) Phase I (Incl with Phase II)	8,621	SF	\$ 3,821,821	\$ 443.32	3,500	SF	\$ 1,894,548	\$ 541.30	0	SF	\$ -	\$ -
(2) Phase I (Formally Phase II)	4,962	SF	\$ 2,782,077	\$ 560.88	10,998	SF	\$ 2,815,014	\$ 255.96	10,998	SF	\$ 3,036,790	\$ 276.12
(3) Phase II (Formally Phase III)	105,921	SF	\$ 14,999,920	\$ 141.61	89,082	SF	\$ 17,422,018	\$ 195.57	92,582	SF	\$ 19,060,325	\$ 205.88
(4) Skywalk/Skyclub	3,457	SF	\$ 1,982,479	\$ 573.47	0	SF	\$ -	\$ -	0	SF	\$ -	\$ -
(5) Fan Room Upgrade	1	LS	\$ 516,800	N/A	1	LS	\$ 491,800	N/A	1	LS	\$ 775,066	N/A
(6) Fit-Out Home Team Locker Room	1	LS	\$ -	N/A	1	LS	\$ 819,366	N/A	1	LS	\$ 471,067	N/A
(7) Winter Protection (Allowance)	1	LS	\$ 175,000	N/A	1	LS	\$ 75,000	N/A	1	LS	\$ 75,000	N/A
(8) Pre-Construction Services	1	LS	\$ 48,000	N/A	1	LS	\$ 48,000	N/A	1	LS	\$ 48,000	N/A
(9) General Building Bond	1	LS	\$ 178,560	N/A	1	LS	\$ 178,560	N/A	1	LS	\$ 178,560	N/A
(10) General Conditions	1	LS	\$ 1,923,955	6%	1	LS	\$ 1,739,175	6%	1	LS	\$ 1,739,175	6%
(11) General Project Requirements	1	LS	\$ 1,110,795	4%	1	LS	\$ 1,104,750	4%	1	LS	\$ 1,104,750	4%
(12) Project Fee - 2%	1	LS	\$ 583,835	2%	1	LS	\$ 558,353	2%	1	LS	\$ 556,263	2%
(13) Construction Contingency	1	LS	\$ 1,652,364	6%	1	LS	\$ 1,329,412	5%	1	LS	\$ 1,324,437	5%
Project Totals:	122,961		\$29,775,606	\$ 242.15	103,580		\$28,475,995	\$ 274.92	103,580		\$28,369,433	\$ 273.89

Add Alternate Pricing	May 22, 2012				June 27, 2012				July 25, 2012			
	AREA	TOTAL SF	COST	Accepted	TOTAL SF	COST	Accepted	TOTAL SF	COST	Accepted		
Diamond Grinding / Sealing Floors	1	LS	\$ 295,136		1	LS	\$ 295,136		1	LS	\$ 295,136	
Concrete Sealer in Bowl Area	1	LS	\$ 137,312		1	LS	\$ 137,312		1	LS	\$ 137,312	
Furnish and Install Rigging Steel	1	LS	\$ 239,432		1	LS	\$ 239,432		1	LS	\$ 239,432	
Paint Underside of Pre-Cast Treads / Risers	1	LS	\$ 54,438		1	LS	\$ 54,438		1	LS	\$ 54,438	
Replace Fire Pump / Upgrade FDC	1	LS	\$ 26,457		1	LS	\$ 26,457		1	LS	\$ 26,457	
Relocate Scoreboard	1	LS	\$ -		1	LS	\$ 64,872		1	LS	\$ 64,872	
Skybridge on West End	1	LS	\$ -		1	LS	\$ 394,638		1	LS	\$ 394,638	
Northeast Video Room	1	LS	\$ -	150	SF	\$ 52,500		150	SF	\$ 52,500		
Make up Air Units for Kitchen Hoods	1	LS	\$ -		1	LS	\$ 193,412		1	LS	\$ -	Base Est.
Change Roof from R25 to R38	1	LS	\$ -		1	LS	\$ 43,248		1	LS	\$ -	Base Est.
Expand Locker Rooms	1	LS	\$ -		1	LS	\$ 201,374		1	LS	\$ -	Base Est.
Site Improvements - City Requirements	1	LS	\$ -		1	LS	\$ 601,699		1	LS	\$ 576,587	
Club Seating - 345 Seats to 300 Wider Seats	1	LS	\$ -		1	LS	\$ -		1	LS	\$ 3,290	
Extend Hockey Season 30 Days due to P	1	LS	\$ -		1	LS	\$ -		1	LS	\$ 234,359	
Project Totals:			\$ 752,776			\$ 2,304,517			\$ 2,079,022			

840Kt

- HOME LOCKER RM.
- LEDGE ALLOWANCE

TEAM → REVIEW EXCLUSIONS

Cumberland County Civic Center - Portland, ME

PHASE I (NW Entrance) Estimate

CSI DIV	ITEM	May 22, 2012				June 27, 2012				Net Difference	July 25, 2012				
		Qty	Unit	Cost per Unit	Estimated Value	Qty	Unit	Cost per Unit	Estimated Value		Qty	Unit	Cost per Unit	Estimated Value	Net Difference
	Gross S.F. All Levels	4,962	S.F.			10,998	S.F.				10,998	S.F.			
2	DEMOLITION														
	Temporary Protection	1	LS	\$ 15,000.00	\$ 15,000	1	LS	\$ 13,500.00	\$ 13,500	\$ (1,500)	1	LS	\$ 13,500.00	\$ 13,500	\$ -
	Temporary Egress	1	LS	\$ 30,000.00	\$ 30,000	1	LS	\$ 28,000.00	\$ 28,000	\$ (2,000)	1	LS	\$ 28,000.00	\$ 28,000	\$ -
	Cut and Cap Existing Utilities	1	LS	\$ -	\$ -	1	LS	\$ 2,500.00	\$ 2,500	\$ 2,500	1	LS	\$ 2,500.00	\$ 2,500	\$ -
	Misc. Abatement	1	LS	\$ 7,500.00	\$ 7,500	1	LS	\$ 7,500.00	\$ 7,500	\$ -	1	LS	\$ 7,500.00	\$ 7,500	\$ -
	Temporary Shoring and Bracing	1	LS	\$ 2,500.00	\$ 2,500	1	LS	\$ 2,500.00	\$ 2,500	\$ -	1	LS	\$ 2,500.00	\$ 2,500	\$ -
	Selective Demolition	1	LS	\$ 112,000.00	\$ 112,000	1	LS	\$ 112,000.00	\$ 112,000	\$ -	1	LS	\$ 112,000.00	\$ 112,000	\$ -
	Construct Temporary Infill Walls	1	LS	\$ 30,000.00	\$ 30,000	1	LS	\$ 20,000.00	\$ 20,000	\$ (10,000)	1	LS	\$ 20,000.00	\$ 20,000	\$ -
	Misc. Demolition Items	1	LS	\$ 12,500.00	\$ 12,500	1	LS	\$ 9,500.00	\$ 9,500	\$ (3,000)	1	LS	\$ 9,500.00	\$ 9,500	\$ -
	Temp. Protect Exist Street (Sheet Piles)	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -
	Misc. Safety Items for Demolition	1	LS	\$ 15,000.00	\$ 15,000	1	LS	\$ 10,000.00	\$ 10,000	\$ (5,000)	1	LS	\$ 10,000.00	\$ 10,000	\$ -
	Misc. Cleanup Items for Demolition	1	LS	\$ 7,500.00	\$ 7,500	1	LS	\$ 5,000.00	\$ 5,000	\$ (2,500)	1	LS	\$ 5,000.00	\$ 5,000	\$ -
	Road Closure Permits (Allowance)	1	LS	\$ 5,000.00	\$ 5,000	1	LS	\$ 5,000.00	\$ 5,000	\$ -	1	LS	\$ 5,000.00	\$ 5,000	\$ -
	SUBTOTAL =	4,962	SF	\$47.76	\$ 237,000	10,998	SF	\$19.59	\$ 215,500	\$ (21,500)	10,998	SF	\$19.59	\$ 215,500	\$ -
3	CONCRETE														
	FRPS Footings and Walls	269	CY	\$ 425.00	\$ 114,325	269	CY	\$ 425.00	\$ 114,325	\$ -	269	CY	\$ 425.00	\$ 114,325	\$ -
	FRPS Ext. Door Footings and Walls	0	CY	\$ -	\$ -	0	CY	\$ -	\$ -	\$ -	0	CY	\$ -	\$ -	\$ -
	6" Concrete Slabs on Grade	98	CY	\$ 325.00	\$ 31,850	98	CY	\$ 325.00	\$ 31,850	\$ -	98	CY	\$ 325.00	\$ 31,850	\$ -
	6 1/2" Elevated Slab on Decking	81	CY	\$ 260.00	\$ 21,060	81	CY	\$ 260.00	\$ 21,060	\$ -	81	CY	\$ 260.00	\$ 21,060	\$ -
	Misc. Concrete Pads, Etc.	23	CY	\$ 558.00	\$ 12,834	23	CY	\$ 558.00	\$ 12,834	\$ -	23	CY	\$ 558.00	\$ 12,834	\$ -
	Misc. Slab Replacement	25	CY	\$ 500.00	\$ 12,500	25	CY	\$ 500.00	\$ 12,500	\$ -	25	CY	\$ 500.00	\$ 12,500	\$ -
	Grouting Columns	10	EA	\$ 150.00	\$ 1,500	10	EA	\$ 150.00	\$ 1,500	\$ -	10	EA	\$ 150.00	\$ 1,500	\$ -
	SUBTOTAL =	496	C.Y.	\$388.24	\$ 194,069	471	C.Y.	\$408.88	\$ 194,069	\$ -	471	C.Y.	\$408.88	\$ 194,069	\$ -
		4,962	S.F.	\$36.29		10,998	S.F.	\$16.37			10,998	S.F.	\$16.37		
4	MASONRY														
	Colored Scored CMU	2,020	SF	\$ 15.00	\$ 30,300	2,020	SF	\$ 15.00	\$ 30,300	\$ -	2,020	SF	\$ 15.00	\$ 30,300	\$ -
	Smooth Face CMU	1,946	SF	\$ 16.00	\$ 31,136	1,946	SF	\$ 16.00	\$ 31,136	\$ -	1,946	SF	\$ 16.00	\$ 31,136	\$ -
	Exterior Brick Veneer	2,034	SF	\$ 23.00	\$ 46,782	0	SF	\$ 23.00	\$ -	\$ (46,782)	0	SF	\$ 23.00	\$ -	\$ -
	Masonry Support	1	LS	\$ 5,000.00	\$ 5,000	1	LS	\$ 5,000.00	\$ 5,000	\$ -	1	LS	\$ 5,000.00	\$ 5,000	\$ -
	SUBTOTAL =	4,962	S.F.	\$22.82	\$ 113,218	10,998	S.F.	\$6.04	\$ 66,436	\$ (46,782)	10,998	S.F.	\$6.04	\$ 66,436	\$ -
5	METALS														
	Structural Steel Materials	52	TNS	\$ 2,800.00	\$ 145,600	61	TNS	\$ 2,800.00	\$ 170,800	\$ 25,200	61	TNS	\$ 2,800.00	\$ 170,800	\$ -
	Furnish Deck	1	LS	\$ 17,603.00	\$ 17,603	1	LS	\$ 17,603.00	\$ 17,603	\$ -	1	LS	\$ 17,603.00	\$ 17,603	\$ -
	Erect Structural Steel and Deck	1	LS	\$ 85,000.00	\$ 85,000	1	LS	\$ 85,000.00	\$ 85,000	\$ -	1	LS	\$ 85,000.00	\$ 85,000	\$ -
	Furnish and Install Misc. Metals	1	LS	\$ 115,775.00	\$ 115,775	1	LS	\$ 115,775.00	\$ 115,775	\$ -	1	LS	\$ 115,775.00	\$ 115,775	\$ -
	Shear Studs	872	EA	\$ 3.50	\$ 3,052	872	EA	\$ 3.50	\$ 3,052	\$ -	872	EA	\$ 3.50	\$ 3,052	\$ -
	Cold-Formed Metal Stud Framing	0	LS	\$ -	\$ -	0	LS	\$ -	\$ -	\$ -	0	LS	\$ -	\$ -	\$ -
	SUBTOTAL =	4,962	S.F.	\$73.97	\$ 367,030	10,998	S.F.	\$35.66	\$ 392,230	\$ 25,200	10,998	S.F.	\$35.66	\$ 392,230	\$ -
6	CARPENTRY														
	Wood Blocking / Rough Carpentry	1	LS	\$ -	\$ -	1	LS	\$ 15,000.00	\$ 15,000	\$ 15,000	1	LS	\$ 15,000.00	\$ 15,000	\$ -
	F/I Millwork	1	LS	\$ 38,084.00	\$ 38,084	1	LS	\$ 38,084.00	\$ 38,084	\$ -	1	LS	\$ 38,084.00	\$ 38,084	\$ -
	Solid Surface Sills and Aprons	1	LS	\$ 7,040.00	\$ 7,040	1	LS	\$ 7,040.00	\$ 7,040	\$ -	1	LS	\$ 7,040.00	\$ 7,040	\$ -
	SUBTOTAL =	4,962	S.F.	\$9.09	\$ 45,124	10,998	S.F.	\$5.47	\$ 60,124	\$ 15,000	10,998	S.F.	\$5.47	\$ 60,124	\$ -
7	MOISTURE PROTECTION														
	Waterproof Elevator Pits	1	LS	\$ 3,000.00	\$ 3,000	1	LS	\$ 3,000.00	\$ 3,000	\$ -	1	LS	\$ 3,000.00	\$ 3,000	\$ -
	Weather Barrier	1	LS	\$ 29,186.00	\$ 29,186	1	LS	\$ 29,186.00	\$ 29,186	\$ -	1	LS	\$ 29,186.00	\$ 29,186	\$ -
	Metal Siding Panels	1	LS	\$ 111,288.00	\$ 111,288	1	LS	\$ 111,288.00	\$ 111,288	\$ -	1	LS	\$ 111,288.00	\$ 111,288	\$ -

1ST PERMIT APP

2ND PERMIT APP



Cumberland County Civic Center - Portland, ME

PHASE I (NW Entrance) Estimate

CSI	DIV	ITEM	May 22, 2012				June 27, 2012				Net Difference	July 25, 2012				Net Difference
			Qty	Unit	Cost per Unit	Estimated Value	Qty	Unit	Cost per Unit	Estimated Value		Qty	Unit	Cost per Unit	Estimated Value	
		Gross S.F. All Levels	4,962	S.F.			10,998	S.F.				10,998	S.F.			
		EPDM Roofing	49	SQ	\$ 1,789.00	\$ 87,661	49	SQ	\$ 1,789.00	\$ 87,661	\$ -	49	SQ	\$ 1,789.00	\$ 87,661	\$ -
		Joint Sealants	1	LS	\$ 10,000.00	\$ 10,000	1	LS	\$ 10,000.00	\$ 10,000	\$ -	1	LS	\$ 10,000.00	\$ 10,000	\$ -
		Exp Joint Assemblies - Excluded	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -
		Fireproofing	60	TNS	\$ 419.85	\$ 25,191	61	TNS	\$ 419.85	\$ 25,611	\$ 420	61	TNS	\$ 419.85	\$ 25,611	\$ -
		Firestopping	0	LF	\$ -	\$ -	1	LS	\$ 4,200.00	\$ 4,200	\$ 4,200	1	LS	\$ 4,200.00	\$ 4,200	\$ -
		SUBTOTAL =	4,962	S.F.	\$63.67	\$ 266,326	10,998	S.F.	\$24.64	\$ 270,946	\$ 4,620	10,998	S.F.	\$24.64	\$ 270,946	\$ -
8		OPENINGS														
		Aluminum Storefronts and Entrances	1	LS	\$ 140,017.00	\$ 140,017	1	LS	\$ 140,017.00	\$ 140,017	\$ -	1	LS	\$ 140,017.00	\$ 140,017	\$ -
		Glaze Drink Rail, Doors, & Vanity Mirrors	1	LS	\$ 2,877.00	\$ 2,877	1	LS	\$ 2,877.00	\$ 2,877	\$ -	1	LS	\$ 2,877.00	\$ 2,877	\$ -
		FI Doors, Frames, and HDWR	1	LS	\$ 60,044.00	\$ 60,044	1	LS	\$ 60,044.00	\$ 60,044	\$ -	1	LS	\$ 60,044.00	\$ 60,044	\$ -
		Interior OH Ceiling Grills	1	LS	\$ 5,036.00	\$ 5,036	1	LS	\$ 5,036.00	\$ 5,036	\$ -	1	LS	\$ 5,036.00	\$ 5,036	\$ -
		SUBTOTAL =	4,962	S.F.	\$41.91	\$ 207,974	10,998	S.F.	\$18.91	\$ 207,974	\$ -	10,998	S.F.	\$18.91	\$ 207,974	\$ -
9		FINISHES														
		GYP. Board Assemblies	1	LS	\$ 200,000.00	\$ 200,000	1	LS	\$ 200,000.00	\$ 200,000	\$ -	1	LS	\$ 200,000.00	\$ 200,000	\$ -
		Ceilings	1	LS	\$ 15,918.00	\$ 15,918	1	LS	\$ 15,918.00	\$ 15,918	\$ -	1	LS	\$ 15,918.00	\$ 15,918	\$ -
		Flooring	1	LS	\$ 21,098.00	\$ 21,098	1	LS	\$ 21,098.00	\$ 21,098	\$ -	1	LS	\$ 21,098.00	\$ 21,098	\$ -
		Stairs, Treads, and Risers	1	LS	\$ 21,096.00	\$ 21,096	1	LS	\$ 21,096.00	\$ 21,096	\$ -	1	LS	\$ 21,096.00	\$ 21,096	\$ -
		Painting/Coatings/Wall Coverings	1	LS	\$ 22,250.00	\$ 22,250	1	LS	\$ 22,250.00	\$ 22,250	\$ -	1	LS	\$ 22,250.00	\$ 22,250	\$ -
		SUBTOTAL =	4,962	S.F.	\$66.60	\$ 280,362	10,998	S.F.	\$26.49	\$ 280,362	\$ -	10,998	S.F.	\$26.49	\$ 280,362	\$ -
10		SPECIALTIES														
		Toilet Partitions and Accessories	1	LS	\$ 17,000.00	\$ 17,000	1	LS	\$ 17,000.00	\$ 17,000	\$ -	1	LS	\$ 17,000.00	\$ 17,000	\$ -
		Fire Extinguishers w/Cabinets	1	LS	\$ -	\$ -	1	LS	\$ 1,250.00	\$ 1,250	\$ 1,250	1	LS	\$ 1,250.00	\$ 1,250	\$ -
		SUBTOTAL =	4,962	S.F.	\$3.43	\$ 17,000	10,998	S.F.	\$1.66	\$ 18,260	\$ 1,260	10,998	S.F.	\$1.66	\$ 18,260	\$ -
11		EQUIPMENT														
		N/A	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -
		SUBTOTAL =	4,962	S.F.	\$0.00	\$ -	10,998	S.F.	\$0.00	\$ -	\$ -	10,998	S.F.	\$0.00	\$ -	\$ -
12		FURNISHINGS														
		Multiple Seating - N/A	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -
		SUBTOTAL =	4,962	S.F.	\$0.00	\$ -	10,998	S.F.	\$0.00	\$ -	\$ -	10,998	S.F.	\$0.00	\$ -	\$ -
14		CONVEYING SYSTEMS														
		Elevators	1	LS	\$ 101,500.00	\$ 101,500	1	LS	\$ 101,500.00	\$ 101,500	\$ -	1	LS	\$ 101,500.00	\$ 101,500	\$ -
		SUBTOTAL =	4,962	S.F.	\$20.46	\$ 101,600	10,998	S.F.	\$9.23	\$ 101,600	\$ -	10,998	S.F.	\$9.23	\$ 101,600	\$ -
21		SPECIAL CONSTRUCTION														
		Fire Extinguishing Systems	1	LS	\$ 30,517.00	\$ 30,517	1	LS	\$ 47,667.00	\$ 47,667	\$ 17,150	1	LS	\$ 47,667.00	\$ 47,667	\$ -
		SUBTOTAL =	4,962	S.F.	\$6.18	\$ 30,517	10,998	S.F.	\$4.33	\$ 47,667	\$ 17,160	10,998	S.F.	\$4.33	\$ 47,667	\$ -
22		PLUMBING														
		Mechanical Sub	1	LS	\$ 250,613.00	\$ 250,613	1	LS	\$ -	\$ -	\$ (250,613)	1	LS	\$ -	\$ -	\$ -
		Fixtures and Trim	1	LS	\$ -	\$ -	1	LS	\$ 3,854.00	\$ 3,854	\$ 3,854	1	LS	\$ 23,800.00	\$ 23,800	\$ 19,946
		Drainage Specialties	1	LS	\$ -	\$ -	1	LS	\$ 1,250.00	\$ 1,250	\$ 1,250	1	LS	\$ 11,685.00	\$ 11,685	\$ 10,435
		Plumbing Equipment & Misc.	1	LS	\$ -	\$ -	1	LS	\$ 6,500.00	\$ 6,500	\$ 6,500	1	LS	\$ 12,500.00	\$ 12,500	\$ 6,000
		Rough-In Stock	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 61,600.00	\$ 61,600	\$ 61,600
		Material Mark-up	1	LS	\$ -	\$ -	1	LS	\$ 1,160.00	\$ 1,160	\$ 1,160	1	LS	\$ 10,958.00	\$ 10,958	\$ 9,798

Cumberland County Civic Center - Portland, ME

PHASE I (NW Entrance) Estimate

CSI	DIV	ITEM	May 22, 2012				June 27, 2012				Net Difference	July 25, 2012				
			Qty	Unit	Cost per Unit	Estimated Value	Qty	Unit	Cost per Unit	Estimated Value		Qty	Unit	Cost per Unit	Estimated Value	Net Difference
		Gross S.F. All Levels	4,962	S.F.			10,998	S.F.				10,998	S.F.			
		Field Labor	0	HRS	\$ -	\$ -	300	HRS	\$ 40.00	\$ 12,000	\$ 12,000	2,120	HRS	\$ 40.00	\$ 84,800	\$ 72,800
		Supervision Labor	0	HRS	\$ -	\$ -	100	HRS	\$ 45.00	\$ 4,500	\$ 4,500	800	HRS	\$ 45.00	\$ 36,000	\$ 31,500
		Indirect Expense	1	LS	\$ -	\$ -	1	LS	\$ 2,000.00	\$ 2,000	\$ 2,000	1	LS	\$ 14,600.00	\$ 14,600	\$ 12,600
		Plumbing Insulation	1	LS	\$ -	\$ -	1	LS	\$ 1,800.00	\$ 1,800	\$ 1,800	1	LS	\$ 13,200.00	\$ 13,200	\$ 11,400
		Subcontractor Mark-up	1	LS	\$ -	\$ -	1	LS	\$ 180.00	\$ 180	\$ 180	1	LS	\$ 1,320.00	\$ 1,320	\$ 1,140
		Project Management Expense	1	LS	\$ -	\$ -	1	LS	\$ 4,000.00	\$ 4,000	\$ 4,000	1	LS	\$ 8,000.00	\$ 8,000	\$ 4,000
		SUBTOTAL =	4,962	S.F.	\$60.61	\$ 260,613	10,998	S.F.	\$3.39	\$ 37,244	\$ (213,369)	10,998	S.F.	\$25.32	\$ 276,463	\$ 241,219
23	HVAC															
		HVAC Equipment	1	LS	\$ -	\$ -	1	LS	\$ 30,000.00	\$ 30,000	\$ 30,000	1	LS	\$ -	\$ -	\$ (30,000)
		Pipe, Valves, Fittings, & Misc.	1	LS	\$ -	\$ -	1	LS	\$ 34,000.00	\$ 34,000	\$ 34,000	1	LS	\$ -	\$ -	\$ (34,000)
		5 Ton RTU for Office	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 4,500.00	\$ 4,500	\$ 4,500
		7 Zone Bypass VAV Control	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 8,050.00	\$ 8,050	\$ 8,050
		IT - Electric Room 3 Zone VRF	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 8,000.00	\$ 8,000	\$ 8,000
		Radiant Elect. Panels or EBB	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 3,000.00	\$ 3,000	\$ 3,000
		Fuel Gas Piping	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 13,500.00	\$ 13,500	\$ 13,500
		Refrigeration and Condensate	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 3,300.00	\$ 3,300	\$ 3,300
		Material Mark-up	1	LS	\$ -	\$ -	1	LS	\$ 6,400.00	\$ 6,400	\$ 6,400	1	LS	\$ 4,035.00	\$ 4,035	\$ (2,365)
		Field Labor	0	HRS	\$ -	\$ -	840	HRS	\$ 40.00	\$ 33,600	\$ 33,600	800	HRS	\$ 40.00	\$ 32,000	\$ (1,600)
		Supervision Labor	0	HRS	\$ -	\$ -	300	HRS	\$ 45.00	\$ 13,500	\$ 13,500	300	HRS	\$ 45.00	\$ 13,500	\$ -
		Indirect Expense	1	LS	\$ -	\$ -	1	LS	\$ 12,662.00	\$ 12,662	\$ 12,662	1	LS	\$ 5,500.00	\$ 5,500	\$ (7,162)
		Sheet Metal	1	LS	\$ -	\$ -	1	LS	\$ 31,075.00	\$ 31,075	\$ 31,075	1	LS	\$ 29,500.00	\$ 29,500	\$ (1,575)
		Insulation	1	LS	\$ -	\$ -	1	LS	\$ 11,220.00	\$ 11,220	\$ 11,220	1	LS	\$ 10,325.00	\$ 10,325	\$ (895)
		Rigging	1	LS	\$ -	\$ -	1	LS	\$ 2,584.00	\$ 2,584	\$ 2,584	1	LS	\$ 2,585.00	\$ 2,585	\$ 1
		Temperature Controls	1	LS	\$ -	\$ -	1	LS	\$ 17,264.00	\$ 17,264	\$ 17,264	1	LS	\$ 16,400.00	\$ 16,400	\$ (864)
		Balance	1	LS	\$ -	\$ -	1	LS	\$ 2,590.00	\$ 2,590	\$ 2,590	1	LS	\$ 2,590.00	\$ 2,590	\$ -
		Subcontractor Mark-up	1	LS	\$ -	\$ -	1	LS	\$ 6,473.00	\$ 6,473	\$ 6,473	1	LS	\$ 6,140.00	\$ 6,140	\$ (333)
		Project Management Expense	1	LS	\$ -	\$ -	1	LS	\$ 10,000.00	\$ 10,000	\$ 10,000	1	LS	\$ 15,000.00	\$ 15,000	\$ 5,000
		SUBTOTAL =	4,962	S.F.	\$0.00	\$ -	10,998	S.F.	\$19.22	\$ 211,368	\$ 211,368	10,998	S.F.	\$16.18	\$ 177,925	\$ (33,443)
26	ELECTRICAL															
		Electrical Sub	1	LS	\$ 450,000.00	\$ 450,000	1	LS	\$ 490,000.00	\$ 490,000	\$ 40,000	1	LS	\$ 490,000.00	\$ 490,000	\$ -
		Data Communications	1	LS	\$ 0.00	\$ -	1	LS	\$ 0.00	\$ -	\$ -	1	LS	\$ 0.00	\$ -	\$ -
		Voice Communications	1	LS	\$ 0.00	\$ -	1	LS	\$ 0.00	\$ -	\$ -	1	LS	\$ 0.00	\$ -	\$ -
		Audio Video Communications	1	LS	\$ 0.00	\$ -	1	LS	\$ 0.00	\$ -	\$ -	1	LS	\$ 0.00	\$ -	\$ -
		Electronic Access Control & Intrusion Det.	1	LS	\$ 0.00	\$ -	1	LS	\$ 0.00	\$ -	\$ -	1	LS	\$ 0.00	\$ -	\$ -
		Electronic Surveillance	1	LS	\$ 0.00	\$ -	1	LS	\$ 0.00	\$ -	\$ -	1	LS	\$ 0.00	\$ -	\$ -
		Electronic Detection and Alarm	1	LS	\$ 0.00	\$ -	1	LS	\$ 0.00	\$ -	\$ -	1	LS	\$ 0.00	\$ -	\$ -
		Electronic Monitoring and Control	1	LS	\$ 0.00	\$ -	1	LS	\$ 0.00	\$ -	\$ -	1	LS	\$ 0.00	\$ -	\$ -
		AV	1	LS	\$ 0.00	\$ -	1	LS	\$ 0.00	\$ -	\$ -	1	LS	\$ 0.00	\$ -	\$ -
		SUBTOTAL =	4,962	S.F.	\$90.69	\$ 480,000	10,998	S.F.	\$44.55	\$ 490,000	\$ 40,000	10,998	S.F.	\$44.55	\$ 490,000	\$ -
31	SITE WORK															
		Site Subcontractor	1	LS	\$ 211,594.00	\$ 211,594	1	LS	\$ 211,594.00	\$ 211,594	\$ -	1	LS	\$ 211,594.00	\$ 211,594	\$ -
		Deduct for Demo of Existing Foundation Walls	1	LS	\$ (14,000.00)	\$ (14,000)	1	LS	\$ (14,000.00)	\$ (14,000)	\$ -	1	LS	\$ -	\$ -	\$ 14,000
		Temporary Construction Gates	2	EA	\$ 1,500.00	\$ 3,000	2	EA	\$ 1,500.00	\$ 3,000	\$ -	2	EA	\$ 1,500.00	\$ 3,000	\$ -
		Barrier Mounted HD Privacy Panel Fencing	250	LF	\$ 31.50	\$ 7,875	250	LF	\$ 31.50	\$ 7,875	\$ -	250	LF	\$ 31.50	\$ 7,875	\$ -
		Temp. Fencing Panels	250	LF	\$ 10.00	\$ 2,500	250	LF	\$ 10.00	\$ 2,500	\$ -	250	LF	\$ 10.00	\$ 2,500	\$ -
		Temp. Traffic Barriers	25	EA	\$ 275.00	\$ 6,875	25	EA	\$ 275.00	\$ 6,875	\$ -	25	EA	\$ 275.00	\$ 6,875	\$ -
		Relocate Fencing for Phase II	1	LS	\$ 3,500.00	\$ 3,500	1	LS	\$ 3,500.00	\$ 3,500	\$ -	1	LS	\$ 3,500.00	\$ 3,500	\$ -
		SUBTOTAL =	4,962	S.F.	\$44.61	\$ 221,344	10,998	S.F.	\$20.13	\$ 221,344	\$ -	10,998	S.F.	\$21.40	\$ 236,344	\$ 14,000
		GRAND TOTALS =	4,962	S.F.	\$60.68	\$ 2,782,077	10,998	S.F.	\$26.96	\$ 2,616,014	\$ 32,937	10,998	S.F.	\$276.12	\$ 3,036,790	\$ 221,776

Cumberland County Civic Center - Portland, ME

PHASE II (Upper/Lower Spring Street Entrances, Lockers, Seating Upgrades, BOH Warehouse Area) Estimate

CSI DIV	ITEM	May 22, 2012				June 27, 2012				Net Difference	July 25, 2012				
		Qty	Unit	Cost per Unit	Estimated Value	Qty	Unit	Cost per Unit	Estimated Value		Qty	Unit	Cost per Unit	Estimated Value	Net Difference
	Gross S.F. All Levels	105,921	S.F.			89,082	S.F.				92,582	S.F.			
2	DEMOLITION														
	Temporary Protection	1	LS	\$ 75,000.00	\$ 75,000	1	LS	\$ 60,000.00	\$ 60,000	\$ (15,000)	1	LS	\$ 69,500.00	\$ 69,500	\$ 9,500
	Temporary Egress	1	LS	\$ 25,000.00	\$ 25,000	1	LS	\$ 15,500.00	\$ 15,500	\$ (9,500)	1	LS	\$ 19,000.00	\$ 19,000	\$ 3,500
	Cut and Cap Existing Utilities	1	LS	\$ -	\$ -	1	LS	\$ 5,000.00	\$ 5,000	\$ 5,000	1	LS	\$ 10,000.00	\$ 10,000	\$ 5,000
	Misc. Abatement	1	LS	\$ 5,000.00	\$ 5,000	1	LS	\$ 5,000.00	\$ 5,000	\$ -	1	LS	\$ 40,000.00	\$ 40,000	\$ 35,000
	Temporary Shoring and Bracing	1	LS	\$ 10,000.00	\$ 10,000	1	LS	\$ 10,000.00	\$ 10,000	\$ -	1	LS	\$ 25,000.00	\$ 25,000	\$ 15,000
	Roof Removal	1	LS	\$ -	\$ -	1	LS	\$ 15,000.00	\$ 15,000	\$ 15,000	1	LS	\$ 30,000.00	\$ 30,000	\$ 15,000
	Selective Demolition	1	LS	\$ 375,000.00	\$ 375,000	1	LS	\$ 375,000.00	\$ 375,000	\$ -	1	LS	\$ 463,000.00	\$ 463,000	\$ 88,000
	Selective Demo - Telescopic Seating Area	1	LS	\$ 49,500.00	\$ 49,500	1	LS	\$ 49,500.00	\$ 49,500	\$ -	1	LS	\$ 49,500.00	\$ 49,500	\$ -
	Construct Temporary Infill Walls	1	LS	\$ 45,000.00	\$ 45,000	1	LS	\$ 30,000.00	\$ 30,000	\$ (15,000)	1	LS	\$ 50,000.00	\$ 50,000	\$ 20,000
	Misc. Demolition Items	1	LS	\$ 28,500.00	\$ 28,500	1	LS	\$ 20,000.00	\$ 20,000	\$ (8,500)	1	LS	\$ 32,500.00	\$ 32,500	\$ 12,500
	Misc. Safety Items for Demolition	1	LS	\$ 30,000.00	\$ 30,000	1	LS	\$ 25,000.00	\$ 25,000	\$ (5,000)	1	LS	\$ 35,000.00	\$ 35,000	\$ 10,000
	Misc. Cleanup Items for Demolition	1	LS	\$ 25,000.00	\$ 25,000	1	LS	\$ 15,000.00	\$ 15,000	\$ (10,000)	1	LS	\$ 20,000.00	\$ 20,000	\$ 5,000
	Removal of Existing Elect. Equip in Mech. Room	1	LS	\$ -	\$ -	1	LS	\$ 12,500.00	\$ 12,500	\$ 12,500	1	LS	\$ 12,500.00	\$ 12,500	\$ -
	Saw Cut Slab for Roof Drain Relocation	1	LS	\$ -	\$ -	1	LS	\$ 7,500.00	\$ 7,500	\$ 7,500	1	LS	\$ 7,500.00	\$ 7,500	\$ -
	Saw Cut Slab for Electrical Feeders	1	LS	\$ -	\$ -	1	LS	\$ 7,500.00	\$ 7,500	\$ 7,500	1	LS	\$ 7,500.00	\$ 7,500	\$ -
	Road Closure Permits (Allowance)	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 2,500.00	\$ 2,500	\$ 2,500
	Deduct for Home Team Locker Demo	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ (28,500.00)	\$ (28,500)	\$ (28,500)
	SUBTOTAL =	105,921	SF	\$ 6.31	\$ 666,000	89,082	SF	\$ 7.32	\$ 662,800	\$ (16,600)	92,582	SF	\$ 9.13	\$ 846,000	\$ 192,500
3	CONCRETE														
	FRPS Footings and Walls	883	CY	\$ 425.00	\$ 375,275	883	CY	\$ 425.00	\$ 375,275	\$ -	1,148	CY	\$ 425.00	\$ 487,900	\$ 112,625
	6" Concrete Slabs on Grade	268	CY	\$ 325.00	\$ 87,100	268	CY	\$ 325.00	\$ 87,100	\$ -	453	CY	\$ 325.00	\$ 147,225	\$ 60,125
	6 1/2" Elevated Slab on Decking	193	CY	\$ 310.00	\$ 59,830	193	CY	\$ 310.00	\$ 59,830	\$ -	268	CY	\$ 307.20	\$ 82,330	\$ 22,500
	Misc. Concrete Pads, Etc.	99	CY	\$ 750.00	\$ 74,250	99	CY	\$ 750.00	\$ 74,250	\$ -	99	CY	\$ 750.00	\$ 74,250	\$ -
	Slab on Deck (lightweight)	172	CY	\$ 380.00	\$ 65,360	172	CY	\$ 380.00	\$ 65,360	\$ -	172	CY	\$ 380.00	\$ 65,360	\$ -
	Misc. Slab Replacement	50	CY	\$ 1,000.00	\$ 50,000	50	CY	\$ 1,000.00	\$ 50,000	\$ -	70	CY	\$ 857.14	\$ 60,000	\$ 10,000
	Grouting Columns	20	EA	\$ 150.00	\$ 3,000	20	EA	\$ 150.00	\$ 3,000	\$ -	40	EA	\$ 150.00	\$ 6,000	\$ 3,000
	SUBTOTAL =	1,668	C.Y.	\$ 427.62	\$ 714,816	1,443	C.Y.	\$ 483.29	\$ 714,816	\$ -	1,968	C.Y.	\$ 466.99	\$ 923,066	\$ 208,250
		105,921	S.F.	\$ 6.63		89,082	S.F.	\$ 7.70			92,582	S.F.	\$ 8.55		
4	MASONRY														
	Colored Scored CMU	9,036	SF	\$ 15.00	\$ 135,540	9,036	SF	\$ 15.00	\$ 135,540	\$ -	9,036	SF	\$ 15.00	\$ 135,540	\$ -
	Smooth Face CMU	12,261	SF	\$ 16.00	\$ 196,176	12,261	SF	\$ 16.00	\$ 196,176	\$ -	15,937	SF	\$ 16.00	\$ 254,992	\$ 58,816
	Exterior Brick Veneer	6,528	SF	\$ 23.00	\$ 150,144	6,528	SF	\$ 23.00	\$ 150,144	\$ -	8,271	SF	\$ 23.00	\$ 190,233	\$ 40,089
	Masonry Support	1	LS	\$ 8,000.00	\$ 8,000	1	LS	\$ 8,000.00	\$ 8,000	\$ -	1	LS	\$ 13,000.00	\$ 13,000	\$ 5,000
	SUBTOTAL =	105,921	S.F.	\$ 4.62	\$ 489,860	89,082	S.F.	\$ 5.50	\$ 489,860	\$ -	92,582	S.F.	\$ 6.41	\$ 593,766	\$ 103,906
5	METALS														
	Structural Steel Materials	172.2	TNS	\$ 3,000.00	\$ 516,600	187.0	TNS	\$ 2,800.00	\$ 523,600	\$ 7,000	217.0	TNS	\$ 2,800.00	\$ 607,600	\$ 84,000
	Furnish Screen Wall Tube Steel at BOH	0.0	TNS	\$ -	\$ -	0.0	TNS	\$ -	\$ -	\$ -	5.0	TNS	\$ 3,500.00	\$ 17,500	\$ 17,500
	Furnish Deck	1	LS	\$ 62,259.00	\$ 62,259	1	LS	\$ 62,259.00	\$ 62,259	\$ -	1	LS	\$ 73,838.00	\$ 73,838	\$ 11,579
	Erect Structural Steel and Deck	1	LS	\$ 275,000.00	\$ 275,000	1	LS	\$ 250,000.00	\$ 250,000	\$ (25,000)	1	LS	\$ 305,000.00	\$ 305,000	\$ 55,000
	Furnish and Install Misc. Metals	1	LS	\$ 347,325.00	\$ 347,325	1	LS	\$ 347,325.00	\$ 347,325	\$ -	1	LS	\$ 372,325.00	\$ 372,325	\$ 25,000
	Truss Modifications Material	1	LS	\$ 91,067.00	\$ 91,067	1	LS	\$ 91,067.00	\$ 91,067	\$ -	1	LS	\$ 91,067.00	\$ 91,067	\$ -
	X-Rod Bracing Material	1	LS	\$ 80,515.00	\$ 80,515	1	LS	\$ 80,515.00	\$ 80,515	\$ -	1	LS	\$ 80,515.00	\$ 80,515	\$ -
	Truss Modifications and X-Bracing Installation	1	LS	\$ 250,000.00	\$ 250,000	1	LS	\$ 225,000.00	\$ 225,000	\$ (25,000)	1	LS	\$ 225,000.00	\$ 225,000	\$ -
	Shear Studs	3,351	EA	\$ 3.50	\$ 11,729	4,200	EA	\$ 3.50	\$ 14,700	\$ 2,972	5,125	EA	\$ 3.50	\$ 17,938	\$ 3,238
	Furnish and Install Rails at Seating Area	1	LS	\$ -	\$ -	1	LS	\$ 151,360.00	\$ 151,360	\$ 151,360	1	LS	\$ 151,360.00	\$ 151,360	\$ -
	New Stairs at East End Over Concourse	1	LS	\$ -	\$ -	1	LS	\$ 6,000.00	\$ 6,000	\$ 6,000	1	LS	\$ 6,000.00	\$ 6,000	\$ -
	Furnish and Install Chiller Frame Steel	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 12,500.00	\$ 12,500	\$ 12,500
	SUBTOTAL =	105,921	S.F.	\$ 16.43	\$ 1,834,496	89,082	S.F.	\$ 19.87	\$ 1,781,826	\$ 117,332	92,582	S.F.	\$ 21.18	\$ 1,960,643	\$ 208,817
6	CARPENTRY														
	Wood Blocking / Rough Carpentry	1	LS	\$ -	\$ -	1	LS	\$ 15,000.00	\$ 15,000	\$ 15,000	1	LS	\$ 18,500.00	\$ 18,500	\$ 3,500

Cumberland County Civic Center - Portland, ME

PHASE II (Upper/Lower Spring Street Entrances, Lockers, Seating Upgrades, BOH Warehouse Area) Estimate

CSI	DIV	ITEM	May 22, 2012				June 27, 2012				Net	July 25, 2012					
			Qty	Unit	Cost per Unit	Estimated Value	Qty	Unit	Cost per Unit	Estimated Value		Difference	Qty	Unit	Cost per Unit	Estimated Value	Net
		Gross S.F. All Levels	105,921	S.F.				89,082	S.F.				92,582	S.F.			
		F/I Millwork	1	LS	\$ 176,530.00	\$ 176,530	1	LS	\$ 176,530.00	\$ 176,530	\$ -	1	LS	\$ 176,530.00	\$ 176,530	\$ -	
		Solid Surface Sills and Aprons	1	LS	\$ 18,400.00	\$ 18,400	1	LS	\$ 18,400.00	\$ 18,400	\$ -	1	LS	\$ 18,400.00	\$ 18,400	\$ -	
		SUBTOTAL =	105,921	S.F.	\$1.84	\$ 194,930	89,082	S.F.	\$2.36	\$ 209,930	\$ 15,000	92,582	S.F.	\$2.31	\$ 213,430	\$ 3,500	
7		MOISTURE PROTECTION															
		Waterproof Elevator Pits	2	EA	\$ 3,000.00	\$ 6,000	2	EA	\$ 3,000.00	\$ 6,000	\$ -	2	EA	\$ 3,000.00	\$ 6,000	\$ -	
		Weather Barrier	1	LS	\$ 126,273.00	\$ 126,273	1	LS	\$ 126,273.00	\$ 126,273	\$ -	1	LS	\$ 161,567.00	\$ 161,567	\$ 35,294	
		Metal Siding Panels	1	LS	\$ 320,919.00	\$ 320,919	1	LS	\$ 320,919.00	\$ 320,919	\$ -	1	LS	\$ 382,292.00	\$ 382,292	\$ 61,373	
		Metal Screen Wall at BOH	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 20,000.00	\$ 20,000	\$ 20,000	
		EPDM Roofing	148	SQ	\$ 1,472.00	\$ 217,856	148	SQ	\$ 1,472.00	\$ 217,856	\$ -	187	SQ	\$ 1,380.65	\$ 258,182	\$ 40,326	
		Parapet Caps and Fascia	166	LF	\$ -	\$ -	166	LF	\$ -	\$ -	\$ -	166	LF	\$ 25.00	\$ 4,150	\$ 4,150	
		Roof Walk-Way Pavers	360	LF	\$ -	\$ -	360	LF	\$ -	\$ -	\$ -	360	LF	\$ 25.00	\$ 9,000	\$ 9,000	
		Metal Flashing and Trim	0	LS	\$ -	\$ -	0	LS	\$ -	\$ -	\$ -	1	LS	\$ 5,650.00	\$ 5,650	\$ 5,650	
		Flash Roof Curbs	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 4,260.00	\$ 4,260	\$ 4,260	
		PT Roof Nailers	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 16,766.00	\$ 16,766	\$ 16,766	
		EPDM Backside of Parapet	332	SF	\$ -	\$ -	332	SF	\$ -	\$ -	\$ -	332	SF	\$ 12.00	\$ 3,984	\$ 3,984	
		Joint Sealants	1	LS	\$ 50,000.00	\$ 50,000	1	LS	\$ 50,000.00	\$ 50,000	\$ -	1	LS	\$ 60,000.00	\$ 60,000	\$ 10,000	
		Change Roof from R25 to R38	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 40,000.00	\$ 40,000	\$ 40,000	
		Expansion Joint Assemblies	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	
		Fireproofing	244	TNS	\$ 419.85	\$ 102,443	187	TNS	\$ 419.85	\$ 78,512	\$ (23,931)	217	TNS	\$ 419.85	\$ 91,107	\$ 12,596	
		Firestopping	0	LF	\$ -	\$ -	1	LS	\$ 10,000.00	\$ 10,000	\$ 10,000	1	LS	\$ 13,500.00	\$ 13,500	\$ 3,500	
		SUBTOTAL =	105,921	S.F.	\$7.77	\$ 823,491	89,082	S.F.	\$9.09	\$ 809,560	\$ (13,931)	92,582	S.F.	\$11.63	\$ 1,076,468	\$ 266,998	
8		OPENINGS															
		Aluminum Storefronts and Entrances	1	LS	\$ 532,386.00	\$ 532,386	1	LS	\$ 532,386.00	\$ 532,386	\$ -	1	LS	\$ 532,386.00	\$ 532,386	\$ -	
		Automatic Bi-Parting Doors	1	LS	\$ 8,932.00	\$ 8,932	1	LS	\$ 8,932.00	\$ 8,932	\$ -	1	LS	\$ 8,932.00	\$ 8,932	\$ -	
		Bullet Resistant Transaction Windows	1	LS	\$ 53,875.00	\$ 53,875	1	LS	\$ 53,875.00	\$ 53,875	\$ -	1	LS	\$ 53,875.00	\$ 53,875	\$ -	
		Glaze Drink Rail, Doors, & Vanity Mirrors	1	LS	\$ 5,755.00	\$ 5,755	1	LS	\$ 5,755.00	\$ 5,755	\$ -	1	LS	\$ 5,755.00	\$ 5,755	\$ -	
		Misc. Interior Glazing	0	EA	\$ -	\$ -	1	LS	\$ 5,200.00	\$ 5,200	\$ 5,200	1	LS	\$ 5,200.00	\$ 5,200	\$ -	
		F/I Doors, Frames, and HDWR	1	LS	\$ 218,920.00	\$ 218,920	1	LS	\$ 218,920.00	\$ 218,920	\$ -	1	LS	\$ 225,333.00	\$ 225,333	\$ 6,413	
		Added 14 Pairs of Doors at Event Level	1	LS	\$ -	\$ -	1	LS	\$ 80,000.00	\$ 80,000	\$ 80,000	1	LS	\$ 80,000.00	\$ 80,000	\$ -	
		Interior OH Colling Grills	1	LS	\$ 33,498.00	\$ 33,498	1	LS	\$ 33,498.00	\$ 33,498	\$ -	1	LS	\$ 67,372.00	\$ 67,372	\$ 33,874	
		SUBTOTAL =	105,921	S.F.	\$8.06	\$ 853,366	89,082	S.F.	\$10.54	\$ 938,566	\$ 85,200	92,582	S.F.	\$10.67	\$ 978,863	\$ 40,287	
9		FINISHES															
		GYP, Board Assemblies	1	LS	\$ 650,000.00	\$ 650,000	1	LS	\$ 650,000.00	\$ 650,000	\$ -	1	LS	\$ 650,000.00	\$ 650,000	\$ -	
		Exterior Metal Stud Framing / Sheathing BOH	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 60,000.00	\$ 60,000	\$ 60,000	
		Temporary Wall on 'EF' Line	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 22,500.00	\$ 22,500	\$ 22,500	
		Ceilings	1	LS	\$ 74,118.00	\$ 74,118	1	LS	\$ 74,118.00	\$ 74,118	\$ -	1	LS	\$ 76,761.00	\$ 76,761	\$ 2,643	
		Flooring	1	LS	\$ 114,020.00	\$ 114,020	1	LS	\$ 114,020.00	\$ 114,020	\$ -	1	LS	\$ 116,740.00	\$ 116,740	\$ 2,720	
		Stairs, Treads, and Risers	1	LS	\$ 18,380.00	\$ 18,380	1	LS	\$ 18,380.00	\$ 18,380	\$ -	1	LS	\$ 18,380.00	\$ 18,380	\$ -	
		Painting/Coatings/Wall Coverings	1	LS	\$ 236,000.00	\$ 236,000	1	LS	\$ 236,000.00	\$ 236,000	\$ -	1	LS	\$ 241,000.00	\$ 241,000	\$ 5,000	
		Conc. Sealer BOH/Mech/Elec	1	LS	\$ 15,800.00	\$ 15,800	1	LS	\$ 15,800.00	\$ 15,800	\$ -	1	LS	\$ 19,300.00	\$ 19,300	\$ 3,500	
		Expand Locker Rooms	1	LS	\$ -	\$ -	745	SF	\$ -	\$ -	\$ -	745	SF	\$ 250.00	\$ 186,250	\$ 186,250	
		Misc. Arch Revisions at Event Level	1	LS	\$ -	\$ -	1	LS	\$ 75,000.00	\$ 75,000	\$ 75,000	1	LS	\$ 75,000.00	\$ 75,000	\$ -	
		SUBTOTAL =	105,921	S.F.	\$10.46	\$ 1,108,318	89,082	S.F.	\$13.28	\$ 1,183,318	\$ 75,000	92,582	S.F.	\$16.63	\$ 1,466,931	\$ 282,413	
10		SPECIALTIES															
		Toilet Partitions and Accessories	1	LS	\$ 102,075.00	\$ 102,075	1	LS	\$ 102,075.00	\$ 102,075	\$ -	1	LS	\$ 102,075.00	\$ 102,075	\$ -	
		Fire Extinguishers w/Cabinets	1	LS	\$ -	\$ -	1	LS	\$ 7,500.00	\$ 7,500	\$ 7,500	1	LS	\$ 8,000.00	\$ 8,000	\$ 500	
		Operable Partitions	1	LS	\$ 56,338.00	\$ 56,338	1	LS	\$ 56,338.00	\$ 56,338	\$ -	1	LS	\$ 56,338.00	\$ 56,338	\$ -	
		SUBTOTAL =	105,921	S.F.	\$1.80	\$ 168,413	89,082	S.F.	\$1.84	\$ 166,913	\$ 7,500	92,582	S.F.	\$1.80	\$ 166,413	\$ 500	
11		EQUIPMENT															

Cumberland County Civic Center - Portland, ME

PHASE II (Upper/Lower Spring Street Entrances, Lockers, Seating Upgrades, BOH Warehouse Area) Estimate

CSI DIV	ITEM	May 22, 2012				June 27, 2012				Net Difference	July 26, 2012				
		Qty	Unit	Cost per Unit	Estimated Value	Qty	Unit	Cost per Unit	Estimated Value		Qty	Unit	Cost per Unit	Estimated Value	Net Difference
	Gross S.F. All Levels	105,921	S.F.			89,082	S.F.				92,682	S.F.			
	Food Service (Allowance)	1	LS	\$ 650,000.00	\$ 650,000	1	LS	\$ 700,000.00	\$ 700,000	\$ 50,000	1	LS	\$ 700,000.00	\$ 700,000	\$ -
	Dock Equipment	1	LS	\$ 10,000.00	\$ 10,000	1	LS	\$ 35,000.00	\$ 35,000	\$ 25,000	1	LS	\$ 35,000.00	\$ 35,000	\$ -
	SUBTOTAL =	105,921	S.F.	\$6.23	\$ 660,000	89,082	S.F.	\$8.26	\$ 736,000	\$ 76,000	92,682	S.F.	\$7.94	\$ 736,000	\$ -
12	FURNISHINGS														
	Fixed Seating	6,017	EA	\$ 159.31	\$ 958,579	6,017	EA	\$ 159.31	\$ 958,579	\$ -	6,017	EA	\$ 159.31	\$ 958,579	\$ -
	Deduct for Sportswear Fabric	1	LS	\$ (80,000.00)	\$ (80,000)	1	LS	\$ (80,000.00)	\$ (80,000)	\$ -	1	LS	\$ (80,000.00)	\$ (80,000)	\$ -
	Deduct to Retrofit Existing Cast Iron	1	LS	\$ (175,000.00)	\$ (175,000)	1	LS	\$ (175,000.00)	\$ (175,000)	\$ -	1	LS	\$ (175,000.00)	\$ (175,000)	\$ -
	Removal and Disposal of Exist. Seats	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -
	Telescopic Seating	1	LS	\$ 410,000.00	\$ 410,000	1	LS	\$ 410,000.00	\$ 410,000	\$ -	1	LS	\$ 410,000.00	\$ 410,000	\$ -
	Deduct to Change from MXP to Maxam	1	LS	\$ (175,000.00)	\$ (175,000)	1	LS	\$ (175,000.00)	\$ (175,000)	\$ -	1	LS	\$ (175,000.00)	\$ (175,000)	\$ -
	Deduct to Change from Alum. To Plywood	1	LS	\$ (22,000.00)	\$ (22,000)	1	LS	\$ (22,000.00)	\$ (22,000)	\$ -	1	LS	\$ (22,000.00)	\$ (22,000)	\$ -
	Deduct to Change amount of Rows	1	LS	\$ -	\$ -	1	LS	\$ (25,000.00)	\$ (25,000)	\$ (25,000)	1	LS	\$ (25,000.00)	\$ (25,000)	\$ -
	SUBTOTAL =	105,921	S.F.	\$8.65	\$ 916,579	89,082	S.F.	\$10.01	\$ 891,579	\$ (25,000)	92,682	S.F.	\$9.63	\$ 891,579	\$ -
14	CONVEYING SYSTEMS														
	Elevators	1	LS	\$ 255,000.00	\$ 255,000	1	LS	\$ 255,000.00	\$ 255,000	\$ -	1	LS	\$ 255,000.00	\$ 255,000	\$ -
	Escalators	1	LS	\$ 146,500.00	\$ 146,500	1	LS	\$ 146,500.00	\$ 146,500	\$ -	1	LS	\$ 146,500.00	\$ 146,500	\$ -
	SUBTOTAL =	105,921	S.F.	\$3.79	\$ 401,500	89,082	S.F.	\$4.61	\$ 401,500	\$ -	92,682	S.F.	\$4.34	\$ 401,500	\$ -
21	SPECIAL CONSTRUCTION														
	Fire Extinguishing Systems	1	LS	\$ 78,768.00	\$ 78,768	1	LS	\$ 95,918.00	\$ 95,918	\$ 17,150	1	LS	\$ 190,988.00	\$ 190,988	\$ 95,070
	SUBTOTAL =	105,921	S.F.	\$0.74	\$ 78,768	89,082	S.F.	\$1.08	\$ 95,918	\$ 17,150	92,682	S.F.	\$2.06	\$ 190,988	\$ 95,070
22	PLUMBING														
	Mechanical Sub	1	LS	\$ 4,100,976.00	\$ 4,100,976	1	LS	\$ -	\$ -	\$ (4,100,976)	1	LS	\$ -	\$ -	\$ -
	Storm Drainage	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -
	Make Safe, Demo, and Temp. Connections	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -
	Fixtures & Trim	1	LS	\$ -	\$ -	1	LS	\$ 188,200.00	\$ 188,200	\$ 188,200	1	LS	\$ 129,740.00	\$ 129,740	\$ (58,460)
	Drainage Specialties	1	LS	\$ -	\$ -	1	LS	\$ 49,725.00	\$ 49,725	\$ 49,725	1	LS	\$ 82,530.00	\$ 82,530	\$ 32,805
	Plumbing Equipment & Misc.	1	LS	\$ -	\$ -	1	LS	\$ 58,000.00	\$ 58,000	\$ 58,000	1	LS	\$ 100,881.00	\$ 100,881	\$ 42,881
	Rough In Stock	1	LS	\$ -	\$ -	1	LS	\$ 281,850.00	\$ 281,850	\$ 281,850	1	LS	\$ 285,500.00	\$ 285,500	\$ 3,650
	Roof Drainage	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 37,400.00	\$ 37,400	\$ 37,400
	Connections to FSE	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 22,500.00	\$ 22,500	\$ 22,500
	Material Mark-up	1	LS	\$ -	\$ -	1	LS	\$ 57,778.00	\$ 57,778	\$ 57,778	1	LS	\$ 65,855.00	\$ 65,855	\$ 8,077
	Field Labor	0	HRS	\$ -	\$ -	9,500	HRS	\$ 40.00	\$ 380,000	\$ 380,000	12,000	HRS	\$ 40.00	\$ 480,000	\$ 100,000
	Supervision Labor	0	HRS	\$ -	\$ -	1,900	HRS	\$ 45.00	\$ 85,500	\$ 85,500	1,000	HRS	\$ 45.00	\$ 45,000	\$ (40,500)
	Indirect Expense	1	LS	\$ -	\$ -	1	LS	\$ 48,032.00	\$ 48,032	\$ 48,032	1	LS	\$ 65,000.00	\$ 65,000	\$ 16,968
	Plumbing Insulation	1	LS	\$ -	\$ -	1	LS	\$ 68,300.00	\$ 68,300	\$ 68,300	1	LS	\$ 64,000.00	\$ 64,000	\$ (4,300)
	Subcontractor Mark-up	1	LS	\$ -	\$ -	1	LS	\$ 6,830.00	\$ 6,830	\$ 6,830	1	LS	\$ 6,400.00	\$ 6,400	\$ (430)
	Project Management Expense	1	LS	\$ -	\$ -	1	LS	\$ 32,000.00	\$ 32,000	\$ 32,000	1	LS	\$ 24,000.00	\$ 24,000	\$ (8,000)
	Keep Event Level Bath 160 & 161 as is	1	LS	\$ (54,141.00)	\$ (54,141)	1	LS	\$ (54,141.00)	\$ (54,141)	\$ -	1	LS	\$ (54,141.00)	\$ (54,141)	\$ -
	Deduct for Plumbing in Hometown Locker	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ (80,193.00)	\$ (80,193)	\$ (80,193)
	SUBTOTAL =	105,921	S.F.	\$38.21	\$ 4,046,636	89,082	S.F.	\$13.49	\$ 1,202,074	\$ (2,844,761)	92,682	S.F.	\$13.77	\$ 1,274,472	\$ 72,398
23	HVAC														
	Make Safe, Demo, and Temp. Connections	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -
	4 - 40,000 CFM Trane AHU's	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 157,100.00	\$ 157,100	\$ 157,100
	25 Ton SE Corner RTU	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 21,500.00	\$ 21,500	\$ 21,500
	Home Team Locker MUA	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 39,000.00	\$ 39,000	\$ 39,000
	Visiting Team Locker MUA	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 39,000.00	\$ 39,000	\$ 39,000
	Club House RTU - 3 Ton	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 6,000.00	\$ 6,000	\$ 6,000
	Flex Space RTU - 3 Ton	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 3,600.00	\$ 3,600	\$ 3,600
	Ice Suite RTU - 2 Ton	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 2,400.00	\$ 2,400	\$ 2,400

Cumberland County Civic Center - Portland, ME

PHASE II (Upper/Lower Spring Street Entrances, Lockers, Seating Upgrades, BOH Warehouse Area) Estimate

		May 22, 2012				June 27, 2012				July 25, 2012					
CSI		Qty	Unit	Cost	Estimated	Qty	Unit	Cost	Estimated	Net	Qty	Unit	Cost	Estimated	Net
DIV	ITEM			per Unit	Value			per Unit	Value	Difference			per Unit	Value	Difference
	Gross S.F. All Levels	105,921	S.F.			89,082	S.F.				92,582	S.F.			
	6 Zone VRF for Loading Dock Offices	1	LS	\$	-	1	LS	\$	-	\$	1	LS	\$	13,200.00	\$ 13,200
	5 Zone VRF for Ticket Area	1	LS	\$	-	1	LS	\$	-	\$	1	LS	\$	11,000.00	\$ 11,000
	Air Handling Equipment	1	LS	\$	-	1	LS	\$	230,700.00	\$ 230,700	1	LS	\$	-	\$ (230,700)
	Boilers - 3	1	LS	\$	-	1	LS	\$	93,993.00	\$ 93,993	1	LS	\$	93,993.00	\$ 93,993
	2 - Trane Chillers	1	LS	\$	-	1	LS	\$	438,600.00	\$ 438,600	1	LS	\$	305,000.00	\$ (133,600)
	Hydronic Equipment & Specialties	1	LS	\$	-	1	LS	\$	78,200.00	\$ 78,200	1	LS	\$	73,889.00	\$ (4,311)
	VAV Package for HT Lockers	1	LS	\$	-	1	LS	\$	358,376.00	\$ 358,376	1	LS	\$	12,750.00	\$ (345,626)
	VAV Package for NE Corner	1	LS	\$	-	1	LS	\$	-	\$ -	1	LS	\$	15,000.00	\$ 15,000
	Refrigeration Piping - 12 Tons	1	LS	\$	-	1	LS	\$	-	\$ -	1	LS	\$	10,200.00	\$ 10,200
	Fuel Gas Piping	1	LS	\$	-	1	LS	\$	-	\$ -	1	LS	\$	17,200.00	\$ 17,200
	Condensate Drainage	1	LS	\$	-	1	LS	\$	-	\$ -	1	LS	\$	5,100.00	\$ 5,100
	Hydronic Specialties and Valves	1	LS	\$	-	1	LS	\$	-	\$ -	1	LS	\$	95,750.00	\$ 95,750
	Brine Charge Allowance	1	LS	\$	-	1	LS	\$	-	\$ -	1	LS	\$	10,000.00	\$ 10,000
	Chemical Treatment	1	LS	\$	-	1	LS	\$	-	\$ -	1	LS	\$	5,500.00	\$ 5,500
	Brine Piping	1	LS	\$	-	1	LS	\$	-	\$ -	1	LS	\$	37,500.00	\$ 37,500
	Brine Tank Re-Work	1	LS	\$	-	1	LS	\$	-	\$ -	1	LS	\$	2,500.00	\$ 2,500
	Chill Water Piping	1	LS	\$	-	1	LS	\$	-	\$ -	1	LS	\$	86,100.00	\$ 86,100
	Boiler Piping	1	LS	\$	-	1	LS	\$	-	\$ -	1	LS	\$	18,600.00	\$ 18,600
	Unit Coil Piping	1	LS	\$	-	1	LS	\$	-	\$ -	1	LS	\$	24,160.00	\$ 24,160
	Starters & Drives	1	LS	\$	-	1	LS	\$	36,000.00	\$ 36,000	1	LS	\$	36,000.00	\$ -
	Vibration Isolation	1	LS	\$	-	1	LS	\$	12,000.00	\$ 12,000	1	LS	\$	12,000.00	\$ -
	Material Mark-up	1	LS	\$	-	1	LS	\$	124,787.00	\$ 124,787	1	LS	\$	115,404.00	\$ (9,383)
	Field Labor	0	HRS	\$	-	18,000	HRS	\$	40.00	\$ 720,000	9,800	HRS	\$	40.00	\$ (328,000)
	Supervision Labor	0	HRS	\$	-	1,900	HRS	\$	45.00	\$ 85,500	1,000	HRS	\$	45.00	\$ (40,500)
	Indirect Expense	1	LS	\$	-	1	LS	\$	70,722.00	\$ 70,722	1	LS	\$	54,000.00	\$ (16,722)
	Sheet Metal	1	LS	\$	-	1	LS	\$	948,925.00	\$ 948,925	1	LS	\$	910,968.00	\$ (37,957)
	Insulation	1	LS	\$	-	1	LS	\$	94,585.00	\$ 94,585	1	LS	\$	94,585.00	\$ -
	Rigging	1	LS	\$	-	1	LS	\$	46,160.00	\$ 46,160	1	LS	\$	52,160.00	\$ 6,000
	Temperature Controls	1	LS	\$	-	1	LS	\$	478,826.00	\$ 478,826	1	LS	\$	478,826.00	\$ -
	Balance	1	LS	\$	-	1	LS	\$	26,914.00	\$ 26,914	1	LS	\$	26,000.00	\$ (914)
	Subcontractor Mark-up	1	LS	\$	-	1	LS	\$	158,941.00	\$ 158,941	1	LS	\$	156,253.00	\$ (2,688)
	Project Management Expense	1	LS	\$	-	1	LS	\$	32,000.00	\$ 32,000	1	LS	\$	24,000.00	\$ (8,000)
	HVAC Permit	1	LS	\$	-	1	LS	\$	-	\$ -	1	LS	\$	55,215.00	\$ 55,215
	Deduct for Locker Room - Carried Separately	1	LS	\$	-	1	LS	\$	(581,096.00)	\$ (581,096)	1	LS	\$	(124,914.00)	\$ 456,182
	Deduct for Fan Room - Carried Separately	1	LS	\$	-	1	LS	\$	(399,300.00)	\$ (399,300)	1	LS	\$	(682,566.00)	\$ (283,266)
	Add for MUA Units due to Added KEC Hoods	1	LS	\$	-	1	LS	\$	-	\$ -	1	LS	\$	178,868.00	\$ 178,868
	SUBTOTAL =	105,921	S.F.		\$0.00	89,082	S.F.		\$34.29	\$ 3,064,833	\$ 3,064,833	92,582	S.F.	\$31.66	\$ 2,929,841
26	ELECTRICAL														
	Electrical Sub	1	LS	\$	1,657,900.00	\$	1,657,900	\$	3,546,990.00	\$ 3,546,990	1	LS	\$	3,767,990.00	\$ 221,000
	Add Kitchen / Concessions Hook Up	1	LS	\$	\$0.00	\$	-	\$	\$0.00	\$ -	1	LS	\$	\$0.00	\$ -
	Data Communications	1	LS	\$	\$0.00	\$	-	\$	\$0.00	\$ -	1	LS	\$	\$0.00	\$ -
	Voice Communications	1	LS	\$	\$0.00	\$	-	\$	\$0.00	\$ -	1	LS	\$	\$0.00	\$ -
	Audio Video Communications	1	LS	\$	\$0.00	\$	-	\$	\$0.00	\$ -	1	LS	\$	\$0.00	\$ -
	Electronic Access Control & Intrusion Det.	1	LS	\$	\$0.00	\$	-	\$	\$0.00	\$ -	1	LS	\$	\$0.00	\$ -
	Electronic Surveillance	1	LS	\$	\$0.00	\$	-	\$	\$0.00	\$ -	1	LS	\$	\$0.00	\$ -
	Electronic Detection and Alarm	1	LS	\$	\$0.00	\$	-	\$	\$0.00	\$ -	1	LS	\$	\$0.00	\$ -
	Electronic Monitoring and Control	1	LS	\$	\$0.00	\$	-	\$	\$0.00	\$ -	1	LS	\$	\$0.00	\$ -
	AV	1	LS	\$	\$0.00	\$	-	\$	\$0.00	\$ -	1	LS	\$	\$0.00	\$ -
	SUBTOTAL =	105,921	S.F.		\$16.66	1,657,900	S.F.		\$39.82	\$ 3,546,990	\$ 1,889,090	92,582	S.F.	\$40.70	\$ 3,767,990
31	SITE WORK														
	Site Subcontractor	1	LS	\$	600,000.00	\$	600,000	\$	561,186.00	\$ 561,186	1	LS	\$	577,247.00	\$ 16,061
	Deduct for Misc. Demo (Carried in Div. 2)	1	LS	\$	(47,000.00)	\$	(47,000)	\$	(47,000.00)	\$ (47,000)	1	LS	\$	(47,000.00)	\$ -
	Countdown Signal Timers at Spring & Center	1	LS	\$	-	\$	-	\$	3,000.00	\$ 24,000	0	EA	\$	3,000.00	\$ (24,000)
	Filterra Storm Water Treatment Device	1	LS	\$	-	\$	-	\$	-	\$ -	0	LS	\$	45,000.00	\$ -
	Temporary Construction Gates	2	EA	\$	1,500.00	\$	3,000	\$	1,500.00	\$ 3,000	4	EA	\$	1,500.00	\$ 6,000
	Barrier Mounted HD Privacy Panel Fencing	600	LF	\$	31.50	\$	18,900	\$	31.50	\$ 18,900	1,600	LF	\$	31.50	\$ 50,400

Cumberland County Civic Center - Portland, ME

PHASE II (Upper/Lower Spring Street Entrances, Lockers, Seating Upgrades, BOH Warehouse Area) Estimate

		May 22, 2012				June 27, 2012				July 26, 2012					
CSI		Qty	Unit	Cost	Estimated	Qty	Unit	Cost	Estimated	Net	Qty	Unit	Cost	Estimated	Net
DIV	ITEM			per Unit	Value			per Unit	Value	Difference			per Unit	Value	Difference
	<i>Gross S.F. All Levels</i>	105,921	S.F.			89,082	S.F.				92,582	S.F.			
	Temp. Fencing Panels	600	LF	\$ 10.00	\$ 6,000	600	LF	\$ 10.00	\$ 6,000	\$ -	1,600	LF	\$ 10.00	\$ 16,000	\$ 10,000
	Temp. Traffic Barriers	30	EA	\$ 275.00	\$ 8,250	30	EA	\$ 275.00	\$ 8,250	\$ -	130	EA	\$ 275.00	\$ 35,750	\$ 27,500
	Remove Temp. Fencing	1	LS	\$ 3,500.00	\$ 3,500	1	LS	\$ 3,500.00	\$ 3,500	\$ -	1	LS	\$ 7,000.00	\$ 7,000	\$ 3,500
	SUBTOTAL =	105,921	S.F.	\$5.60	\$ 592,650	89,082	S.F.	\$6.49	\$ 577,836	\$ (14,814)	92,582	S.F.	\$6.97	\$ 645,397	\$ 67,561
	GRAND TOTALS =	105,921	S.F.	\$141.61	\$ 14,999,920	89,082	S.F.	\$195.57	\$ 17,422,018	\$ 2,422,098	92,582	S.F.	\$205.88	\$ 19,060,325	\$ 1,638,307

Cumberland County Civic Center - Portland, ME

Fan Room Upgrade

CSI	DIV	ITEM	May 22, 2012				June 27, 2012				Net Difference	July 25, 2012				
			Qty	Unit	Cost per Unit	Estimated Value	Qty	Unit	Cost per Unit	Estimated Value		Qty	Unit	Cost per Unit	Estimated Value	Net Difference
		<i>Gross S.F. All Levels</i>	0	S.F.			3,500	S.F.				43,374,250	S.F.			
2	DEMOLITION															
		Temporary Protection	1	LS	\$ 22,500.00	\$ 22,500	1	LS	\$ 12,500.00	\$ 12,500	\$ (10,000)	1	LS	\$ 12,500.00	\$ 12,500	\$ -
		Cut and Cap Existing Utilities	1	LS	\$ 5,000.00	\$ 5,000	1	LS	\$ 5,000.00	\$ 5,000	\$ -	1	LS	\$ 5,000.00	\$ 5,000	\$ -
		Temporarily Remove Existing Roof	1	LS	\$ 35,000.00	\$ 35,000	1	LS	\$ 20,000.00	\$ 20,000	\$ (15,000)	1	LS	\$ 20,000.00	\$ 20,000	\$ -
		SUBTOTAL =	0	SF	#DIV/0!	\$ 62,500	3,500	SF	\$ 10.71	\$ 37,500	\$ (25,000)	43,374,250	SF	\$ 0.00	\$ 37,500	\$ -
3	CONCRETE															
		N/A	0	CY	\$ -	\$ -	0	CY	\$ -	\$ -	\$ -	0	CY	\$ -	\$ -	\$ -
		SUBTOTAL =	0	C.Y.	#DIV/0!	\$ -	0	C.Y.	#DIV/0!	\$ -	\$ -	0	C.Y.	#DIV/0!	\$ -	\$ -
			0	S.F.	#DIV/0!		3,500	S.F.	\$ 0.00			43,374,250	S.F.	\$ 0.00		
4	MASONRY															
		N/A	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ -	3,500	S.F.	\$ 0.00	\$ -	\$ -	43,374,250	S.F.	\$ 0.00	\$ -	\$ -
5	METALS															
		Re-Install Roof Joists and Deck	1	LS	\$ 35,000.00	\$ 35,000	1	LS	\$ 35,000.00	\$ 35,000	\$ -	1	LS	\$ 35,000.00	\$ 35,000	\$ -
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ 35,000	3,500	S.F.	\$ 10.00	\$ 35,000	\$ -	43,374,250	S.F.	\$ 0.00	\$ 35,000	\$ -
6	CARPENTRY															
		N/A	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ -	3,500	S.F.	\$ 0.00	\$ -	\$ -	43,374,250	S.F.	\$ 0.00	\$ -	\$ -
7	MOISTURE PROTECTION															
		Re-Install EPDM Roofing	1	LS	\$ 15,000.00	\$ 15,000	1	LS	\$ 15,000.00	\$ 15,000	\$ -	1	LS	\$ 15,000.00	\$ 15,000	\$ -
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ 15,000	3,500	S.F.	\$ 4.29	\$ 15,000	\$ -	43,374,250	S.F.	\$ 0.00	\$ 15,000	\$ -
8	OPENINGS															
		N/A	0	LS	\$ -	\$ -	0	LS	\$ -	\$ -	\$ -	0	LS	\$ -	\$ -	\$ -
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ -	3,500	S.F.	\$ 0.00	\$ -	\$ -	43,374,250	S.F.	\$ 0.00	\$ -	\$ -
9	FINISHES															
		Painting/Coatings/Wall Coverings	1	LS	\$ 5,000.00	\$ 5,000	1	LS	\$ 5,000.00	\$ 5,000	\$ -	1	LS	\$ 5,000.00	\$ 5,000	\$ -
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ 5,000	3,500	S.F.	\$ 1.43	\$ 5,000	\$ -	43,374,250	S.F.	\$ 0.00	\$ 5,000	\$ -
10	SPECIALTIES															
		N/A	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ -	3,500	S.F.	\$ 0.00	\$ -	\$ -	43,374,250	S.F.	\$ 0.00	\$ -	\$ -
11	EQUIPMENT															
		N/A	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ -	3,500	S.F.	\$ 0.00	\$ -	\$ -	43,374,250	S.F.	\$ 0.00	\$ -	\$ -
12	FURNISHINGS															
		N/A	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -

Cumberland County Civic Center - Portland, ME

Fan Room Upgrade

CSI	DIV	ITEM	May 22, 2012				June 27, 2012				Net Difference	July 25, 2012						
			Qty	Unit	Cost per Unit	Estimated Value	Qty	Unit	Cost per Unit	Estimated Value		Qty	Unit	Cost per Unit	Estimated Value	Net Difference		
		<i>Gross S.F. All Levels</i>	0	S.F.			3,500	S.F.				43,374,260	S.F.					
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ -	3,500	S.F.	\$0.00	\$ -	\$ -	43,374,260	S.F.	\$0.00	\$ -	\$ -		
14		CONVEYING SYSTEMS																
		N/A	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	\$ -	
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ -	3,500	S.F.	\$0.00	\$ -	\$ -	43,374,260	S.F.	\$0.00	\$ -	\$ -		
21		SPECIAL CONSTRUCTION																
		Fire Extinguishing Systems	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	\$ -	
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ -	3,500	S.F.	\$0.00	\$ -	\$ -	43,374,260	S.F.	\$0.00	\$ -	\$ -		
22		PLUMBING																
		N/A	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	\$ -	
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ -	3,500	S.F.	\$0.00	\$ -	\$ -	43,374,260	S.F.	\$0.00	\$ -	\$ -		
23		HVAC																
		Mechanical Sub	1	LS	\$ 399,300.00	\$ 399,300	1	LS	\$ 399,300.00	\$ 399,300	\$ -	1	LS	\$ -	\$ -	\$ -	\$ (399,300)	
		4 - 40,000 CFM Trane AHU's	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 157,100.00	\$ 157,100	\$ 157,100	\$ 157,100	
		Unit Coil Connections	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 24,160.00	\$ 24,160	\$ 24,160	\$ 24,160	
		Specialties and Valves	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 26,800.00	\$ 26,800	\$ 26,800	\$ 26,800	
		Material Mark-up	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 20,806.00	\$ 20,806	\$ 20,806	\$ 20,806	
		Field Labor	0	HRS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1,540	HRS	\$ 40.00	\$ 61,600	\$ 61,600	\$ 61,600	
		Supervision Labor	0	HRS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	200	HRS	\$ 45.00	\$ 9,000	\$ 9,000	\$ 9,000	
		Indirect Expense	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 8,700.00	\$ 8,700	\$ 8,700	\$ 8,700	
		Sheet Metal	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 260,000.00	\$ 260,000	\$ 260,000	\$ 260,000	
		Insulation	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 20,000.00	\$ 20,000	\$ 20,000	\$ 20,000	
		Rigging	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 30,000.00	\$ 30,000	\$ 30,000	\$ 30,000	
		Temperature Controls	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 8,000.00	\$ 8,000	\$ 8,000	\$ 8,000	
		Balance	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 6,000.00	\$ 6,000	\$ 6,000	\$ 6,000	
		Subcontractor Mark-up	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 32,400.00	\$ 32,400	\$ 32,400	\$ 32,400	
		Project Management Expense	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 9,000.00	\$ 9,000	\$ 9,000	\$ 9,000	
		HVAC Permit	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 9,000.00	\$ 9,000	\$ 9,000	\$ 9,000	
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ 399,300	3,600	S.F.	\$114.09	\$ 399,300	\$ -	43,374,260	S.F.	\$0.02	\$ 682,566	\$ 283,266		
26		ELECTRICAL																
		N/A	1	LS	\$0.00	\$ -	1	LS	\$0.00	\$ -	\$ -	1	LS	\$0.00	\$ -	\$ -	\$ -	
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ -	3,600	S.F.	\$0.00	\$ -	\$ -	43,374,260	S.F.	\$0.00	\$ -	\$ -		
31		SITE WORK																
		N/A	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	\$ -	
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ -	3,600	S.F.	\$0.00	\$ -	\$ -	43,374,260	S.F.	\$0.00	\$ -	\$ -		
		GRAND TOTALS =	0	S.F.	#DIV/0!	\$ 516,800	3,600	S.F.	\$140.51	\$ 491,800	\$ (25,000)	43,374,260	S.F.	\$0.02	\$ 775,066	\$ 283,266		

Cumberland County Civic Center - Portland, ME

Fit-Out Home Team Locker Room

CSI	DIV	ITEM	May 22, 2012				June 27, 2012				Net	July 25, 2012				
			Qty	Unit	Cost per Unit	Estimated Value	Qty	Unit	Cost per Unit	Estimated Value		Difference	Qty	Unit	Cost per Unit	Estimated Value
		<i>Gross S.F. All Levels</i>	0	S.F.			0	S.F.				0	S.F.			
2		DEMOLITION														
		N/A	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 28,500.00	\$ 28,500	\$ 28,500
		SUBTOTAL =	0	SF	#DIV/0!	\$ -	0	SF	#DIV/0!	\$ -	\$ -	0	SF	#DIV/0!	\$ 28,500	\$ 28,500
3		CONCRETE														
		N/A	0	CY	\$ -	\$ -	0	CY	\$ -	\$ -	\$ -	0	CY	\$ -	\$ -	\$ -
		SUBTOTAL =	0	C.Y.	#DIV/0!	\$ -	0	C.Y.	#DIV/0!	\$ -	\$ -	0	C.Y.	#DIV/0!	\$ -	\$ -
			0	S.F.	#DIV/0!		0	S.F.	#DIV/0!			0	S.F.	#DIV/0!		
4		MASONRY														
		N/A	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ -	0	S.F.	#DIV/0!	\$ -	\$ -	0	S.F.	#DIV/0!	\$ -	\$ -
5		METALS														
		N/A	0	LS	\$ -	\$ -	0	SF	\$ -	\$ -	\$ -	0	SF	\$ -	\$ -	\$ -
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ -	0	S.F.	#DIV/0!	\$ -	\$ -	0	S.F.	#DIV/0!	\$ -	\$ -
6		CARPENTRY														
		Wood Blocking / Rough Carpentry	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -
		F/I Millwork	1	LS	\$ 55,168.00	\$ 55,168	1	LS	\$ 55,168.00	\$ 55,168	\$ -	1	LS	\$ 55,168.00	\$ 55,168	\$ -
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ 55,168	0	S.F.	#DIV/0!	\$ 55,168	\$ -	0	S.F.	#DIV/0!	\$ 55,168	\$ -
7		MOISTURE PROTECTION														
		N/A	0	LF	\$ -	\$ -	0	LS	\$ -	\$ -	\$ -	0	LS	\$ -	\$ -	\$ -
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ -	0	S.F.	#DIV/0!	\$ -	\$ -	0	S.F.	#DIV/0!	\$ -	\$ -
8		OPENINGS														
		FA Doors, Frames, and HDWR	1	LS	\$ 11,538.00	\$ 11,538	1	LS	\$ 11,538.00	\$ 11,538	\$ -	1	LS	\$ 11,538.00	\$ 11,538	\$ -
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ 11,538	0	S.F.	#DIV/0!	\$ 11,538	\$ -	0	S.F.	#DIV/0!	\$ 11,538	\$ -
9		FINISHES														
		GYP. Board Assemblies	1	LS	\$ 45,000.00	\$ 45,000	1	LS	\$ 45,000.00	\$ 45,000	\$ -	1	LS	\$ 45,000.00	\$ 45,000	\$ -
		Ceilings	1	LS	\$ 4,645.00	\$ 4,645	1	LS	\$ 4,645.00	\$ 4,645	\$ -	1	LS	\$ 4,645.00	\$ 4,645	\$ -
		Flooring	1	LS	\$ 38,390.00	\$ 38,390	1	LS	\$ 38,390.00	\$ 38,390	\$ -	1	LS	\$ 38,390.00	\$ 38,390	\$ -
		Painting/Coatings/Wall Coverings	1	LS	\$ 10,000.00	\$ 10,000	1	LS	\$ 10,000.00	\$ 10,000	\$ -	1	LS	\$ 10,000.00	\$ 10,000	\$ -
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ 98,035	0	S.F.	#DIV/0!	\$ 98,035	\$ -	0	S.F.	#DIV/0!	\$ 98,035	\$ -
10		SPECIALTIES														
		Toilet Partitions and Accessories	1	LS	\$ 3,419.00	\$ 3,419	1	LS	\$ 3,419.00	\$ 3,419	\$ -	1	LS	\$ 3,419.00	\$ 3,419	\$ -
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ 3,419	0	S.F.	#DIV/0!	\$ 3,419	\$ -	0	S.F.	#DIV/0!	\$ 3,419	\$ -
11		EQUIPMENT														
		N/A	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -
		SUBTOTAL =	0	S.F.	#DIV/0!	\$ -	0	S.F.	#DIV/0!	\$ -	\$ -	0	S.F.	#DIV/0!	\$ -	\$ -
12		FURNISHINGS														

Cumberland County Civic Center - Portland, ME

Fit-Out Home Team Locker Room

CSI DIV	ITEM	May 22, 2012				June 27, 2012				Net Difference	July 25, 2012			
		Qty	Unit	Cost per Unit	Estimated Value	Qty	Unit	Cost per Unit	Estimated Value		Qty	Unit	Cost per Unit	Estimated Value
	<i>Gross S.F. All Levels</i>	0	S.F.			0	S.F.				0	S.F.		
	N/A	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -
	SUBTOTAL =	0	S.F.	#DIV/0!	\$ -	0	S.F.	#DIV/0!	\$ -	\$ -	0	S.F.	#DIV/0!	\$ -
14	CONVEYING SYSTEMS													
	N/A	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -
	SUBTOTAL =	0	S.F.	#DIV/0!	\$ -	0	S.F.	#DIV/0!	\$ -	\$ -	0	S.F.	#DIV/0!	\$ -
21	SPECIAL CONSTRUCTION													
	Fire Extinguishing Systems	1	LS	\$ 6,300.00	\$ 6,300	1	LS	\$ 6,300.00	\$ 6,300	\$ -	1	LS	\$ 6,300.00	\$ 6,300
	SUBTOTAL =	0	S.F.	#DIV/0!	\$ 6,300	0	S.F.	#DIV/0!	\$ 6,300	\$ -	0	S.F.	#DIV/0!	\$ 6,300
22	PLUMBING													
	Mechanical Sub	1	LS	\$ 581,906.00	\$ 581,906	1	LS	\$ 581,906.00	\$ 581,906	\$ -	1	LS	\$ 80,193.00	\$ 80,193
	SUBTOTAL =	0	S.F.	#DIV/0!	\$ 581,906	0	S.F.	#DIV/0!	\$ 581,906	\$ -	0	S.F.	#DIV/0!	\$ 80,193
23	HVAC													
	N/A	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ 124,914.00	\$ 124,914
	SUBTOTAL =	0	S.F.	#DIV/0!	\$ -	0	S.F.	#DIV/0!	\$ -	\$ -	0	S.F.	#DIV/0!	\$ 124,914
26	ELECTRICAL													
	Electrical Sub	1	LS	\$65,000.00	\$ 65,000	1	LS	\$63,000.00	\$ 63,000	\$ (2,000)	1	LS	\$63,000.00	\$ 63,000
	Add Kitchen / Concessions Hook Up	1	LS	\$0.00	\$ -	1	LS	\$0.00	\$ -	\$ -	1	LS	\$0.00	\$ -
	Data Communications	1	LS	\$0.00	\$ -	1	LS	\$0.00	\$ -	\$ -	1	LS	\$0.00	\$ -
	Voice Communications	1	LS	\$0.00	\$ -	1	LS	\$0.00	\$ -	\$ -	1	LS	\$0.00	\$ -
	Audio Video Communications	1	LS	\$0.00	\$ -	1	LS	\$0.00	\$ -	\$ -	1	LS	\$0.00	\$ -
	Electronic Access Control & Intrusion Det.	1	LS	\$0.00	\$ -	1	LS	\$0.00	\$ -	\$ -	1	LS	\$0.00	\$ -
	Electronic Surveillance	1	LS	\$0.00	\$ -	1	LS	\$0.00	\$ -	\$ -	1	LS	\$0.00	\$ -
	Electronic Detection and Alarm	1	LS	\$0.00	\$ -	1	LS	\$0.00	\$ -	\$ -	1	LS	\$0.00	\$ -
	Electronic Monitoring and Control	1	LS	\$0.00	\$ -	1	LS	\$0.00	\$ -	\$ -	1	LS	\$0.00	\$ -
	AV	1	LS	\$0.00	\$ -	1	LS	\$0.00	\$ -	\$ -	1	LS	\$0.00	\$ -
	SUBTOTAL =	0	S.F.	#DIV/0!	\$ 65,000	0	S.F.	#DIV/0!	\$ 63,000	\$ (2,000)	0	S.F.	#DIV/0!	\$ 63,000
31	SITE WORK													
	N/A	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	\$ -	1	LS	\$ -	\$ -
	SUBTOTAL =	0	S.F.	#DIV/0!	\$ -	0	S.F.	#DIV/0!	\$ -	\$ -	0	S.F.	#DIV/0!	\$ -
	GRAND TOTALS =	0	S.F.	#DIV/0!	\$ 821,366	0	S.F.	#DIV/0!	\$ 819,366	\$ (2,000)	0	S.F.	#DIV/0!	\$ 471,067



STATE OF MAINE - DEPARTMENT OF PUBLIC SAFETY
OFFICE OF STATE FIRE MARSHAL
45 COMMERCE DR STE 1
AUGUSTA, ME 04333-0001

Shell Permit

No.21022

In accordance with the provisions of M.R.S.A. Title 25, Chapter 317, Sec.317 and Title 5, Section 4594-F, permission is hereby granted to construct or alter the following referenced building according to the plans hitherto filed with the Commissioner and now approved. No departure from application form/plans shall be made without prior approval in writing. Nothing herein shall excuse the holder of this permit for failure to comply with local ordinances, zoning laws, or other pertinent legal restrictions.

Each permit issued shall be displayed at the site of construction.

Building: CUMBERLAND COUNTY CIVIC CENTER PHASE I SHELL ONLY
Location: 1 CIVIC CENTER SQ, PORTLAND, ME 04101-3937
Owner: CUMBERLAND COUNTY CIVIC CENTER
Owner Address: 1 CIVIC CENTER SQ, PORTLAND, ME 04101-3937

Occupancy Type: Assembly Class >1000
Secondary Use: Business
Use Layout: Mixed Use
Supervised Sprinkler System
Monitored Fire Alarm with Voice Notification
Construction Mode: Renovation, Addition
Protected Noncombustable: Type II (222)
Final Number of Stories: 3

Permit Date: 10/05/2012

Expiration Date: 04/04/2013

COMMISSIONER OF PUBLIC SAFETY

Copy 2 - Architect

CIANBRO

FIRE EMERGENCY ACTION PLAN

Whenever fire watches are required, he/she must be trained. In case of a fire the following steps should be followed:

1. Do not endanger yourself or someone else.
2. If it is a small fire try to extinguish it using one of the following methods:
 - a. Fire Extinguisher
 - b. Water or dirt (if applicable)
3. If a person's clothing is on fire roll them on the ground and/or smother the fire with a blanket, tarp etc.
4. If other help is needed call **911** for the Fire Department; notify them of the following:
 - a. Type of fire
 - b. Tell them you work are at the Cumberland County Civic Center Renovation Project
 - c. Exact location of fire
5. Notify the Superintendent and Safety Supervisor
6. Position people at the jobsite entrance and other strategic location in order to direct the Fire Department to the immediate scene.

FIRE PROTECTION AND PREVENTION

Supervisors responsible for the implementation of Fire Protection / Fire Prevention:

<u> Brian Larsen </u>	<u> Project Superintendent </u>	<u> 860-462-4429 </u>
Name	Title	Phone
<u> Brad Smith </u>	<u> Assistant Superintendent </u>	<u> 207-679-7157 </u>
Alternate Name	Title	Phone

Fire Emergency Contact: **911 Employees must stay on the line until the dispatcher hangs up to ensure all necessary information has been conveyed.**

The following Fire Protection / Fire Prevention shall be utilized at the site:

Yes	No	N/A		Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Plant Suppression System / Chemical	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Permanently Affixed Portable Fire Extinguishers
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Automatic Sprinklers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Temporary Portable Fire Extinguishers
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Standpipe / Hose System	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dry Chemical Extinguisher
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other

What type of portable fire extinguishers will be used at the site?

Yes	No	N/A	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Type "A"
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Type "B"
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Type "C"
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Type "ABC"
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Type "D"

Have each of the portable fire extinguishers been inspected to be equipped with the following at the site?

Yes	No	N/A		Yes	No	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Gauges within the acceptable criteria	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Plastic safety tie
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Last service date within one calendar year	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Metal retaining pin
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Tagged with the appropriate inspection tag				

Fire Extinguisher Maintenance Contact:

	AAA Fire
Name of Company	
Location	Auburn Maine
Phone Number	207-784-8306
After Hours Phone Number	N/A
Fax Number	207-784-7177

Contact Name: **Rachel Verrill**

Indicate the employee/supervisor responsible and method for the following onsite fire extinguisher inspections at the site?

Daily / Use Inspections: **Craft Employees** Monthly Inspections: **Craft Employees/ Supervisors** Annual Inspections: AAA Fire Protection

Are there additional site specific Fire Protection / Fire Prevention requirements at the site?
Yes No N/A

If yes, describe the site specific requirements below:

1. Notification of Fire Emergency

Should a fire occur a fire emergency action plan has been developed that dictates how the situation should be handled. (See Attachment 1)

2. After Hours Emergency

In the event that a contractor must respond to an after-hours emergency the following steps shall be taken to help ensure the safety of everyone involved:

- a) Attempt to notify Brian Larsen using the number supplied on the Cianbro contact list. If you cannot make contact begin calling the next team member on the list.
- b) Once contact has been made with a Cianbro employee they will attempt to contact John Dientes, if no contact can be made they will begin calling team members off the contact list until one has agreed to respond.
- c) All involved responders shall meet at the entrance to the project, and shall evaluate the need for outside agencies to respond i.e. (Fire, Police, etc.) No one shall proceed to any work area until all necessary parties have arrived.
- d) NO TEAM MEMBER IS TO INVESTIGATE AN AFTER-HOURS EMERGENCY SITUATION ALONE.

Note: A project radio will be stationed at the Civic Center security alarm panel. This will be available to outside agencies responding to an emergency. This will allow for positive communication between responders and the project team.

3. Site Access

During Phase 1 of the construction, part of Free St. will be closed down and barricaded to create a work zone for the renovations. This area will be gated and locked during non-working hours or whenever construction is not being performed. To allow access for

emergency responders a “Knox Box” will be placed at the western most gate of the barricaded area, inside this box will be a key to the gate locks.

4. Hot Work

During construction at the Cumberland County Civic Center all employees engaged in “Hot Work” activities shall follow Cianbro’s safety policy-007. (See Attachment 2) Hot Work must be approved by Cianbro in advance and all appropriate paperwork shall be completed prior to beginning work. Hot work permits will be obtained through the Portland Fire Department, as well as through Cianbro prior to beginning any hot work activity. (See Attachment 3). Appropriate extinguishing media (fire extinguisher, water hose, etc.) shall be in place as well as a trained fire watch prior to starting the work activity. In the event of an onsite fire that cannot be easily extinguished using onsite extinguishing media, outside emergency personnel will be needed. Notify a supervisor immediately and have someone call 911. If making the emergency call, tell the dispatcher you are at the Cumberland County Civic Center Renovation Project and give them your exact location. Remain on the line until the dispatcher gets all the information they need, and they have hung up the phone. Employees shall be stationed at strategic locations on the project to ensure the emergency vehicle/responders arrive at the appropriate location.

5. Storage of Flammable and Combustible Liquids

All Storage and handling of all flammable and combustible materials shall be in done in accordance with the requirements set forth by the NFPA. Liquids and gasses shall be stored in approved containers using the appropriate labeling method and in areas free of ignition sources. An updated list of approved flammable storage areas shall be created and posted near the Civic Center security system panel that can be used as a reference for emergency responders.

6. Preservation of Existing Fire Protection Systems

During construction all existing fire suppression systems shall remain operational. Any permanent line associated with the facility’s fire protection systems that interfere with the renovations being performed shall be moved and relocated so they can remain operational during all phases of construction. Should a system need relocation this work will only be performed while the building is unoccupied by the public.

7. Temporary Heat

As the weather turns cold temporary heat may be needed inside the facility to provide adequate working conditions. Temporary heating units shall be set up in areas free from ignition sources, and in a manner that does not create a hazardous situation. The atmosphere shall be monitored as needed using an instant read device to ensure there is no buildup of hazardous atmosphere. If required additional ventilation shall be supplied to ensure the atmosphere does not become hazardous.

8. Logistics

A minimum clearance distance of 20' shall be maintained between any jersey barriers and the public sidewalk to allow for emergency vehicles to pass. (See **Attachment 3**)

9. Additional Emergency Exits While Building is Operational

During Phase I of construction the existing facility will remain open for events. During this time the Northwest entrance will need to be closed for renovations, no additional exits will be required to be open for emergency exit purposes. Additionally no construction material shall be stored in a manner that obstructs an active exit.

Policy Number: 007

Authorized By: The Cianbro Companies
Alan Burton

Title: Watch for Fire, Smoke and Sparks

Effective Date: 02/01/93

Page 1 of 5

1 Status

1.1 Update of existing policy, effective 12/06/10.

2 Purpose

2.1 The purpose of this policy is to provide guidance and requirements for all work at Cianbro sites involving potential fire or explosion.

3 Applicability

3.1 This policy applies to all subsidiary companies and departments of the Cianbro Companies.

3.2 All organizations are required to comply with the provisions of this policy and procedure.

4 Definitions

4.1 NFPA: National Fire Protection Association

5 Policy

5.1 Prior to any work, a complete evaluation of the work area must be done to identify any fire hazards that may exist.

6 Responsibilities

6.1 Corporate Safety is responsible for maintaining this document.

7 Watch for Fire, Smoke and Sparks Index

7.2	Eliminating Potential Fire Hazards	2
7.3	Personal Protection	2
7.4	Fire Watch Requirements.....	3
7.5	Fire Extinguishers.....	3

7.1 Welding, torch cutting and grinding activities are frequently performed on Cianbro work sites. These and other flame and heat producing activities are referred to as hot work. Hot Work can be extremely costly as it relates to property damage but more importantly can cause serious injury to the people involved. With this in mind, hot work cannot be conducted unless all applicable provisions of this policy are followed.

7.2 Eliminating Potential Fire Hazards

7.2.1 Planning

- Prior to starting the work, a complete evaluation of the work site must be done by the supervisor to identify any hazards that may exist.

Examples...

- Combustible solids, liquids or dusts.
- Possible explosive mixtures of gases or vapors.
- Oxygen enriched atmospheres.
- Paper, cardboard, rags, etc.
- Flammable chemicals, gasoline, thinners, or paints: refer to the MSDS for chemicals present in the work area and include any necessary precautions.

7.2.2 Fire hazards and their solutions should be listed on an Activity Plan along with any other precautionary procedures or needs.

Examples...

- Emergency procedures; alarm system, evacuation route and telephone numbers.
- Owner/Client requirements (if applicable)
- Burning permits.
- Select proper extinguishing media: water, portable fire extinguishers, etc.
- Special monitoring equipment.
- Engineering controls: ventilation, welding screens, fire blankets, barricades, etc.
- Personal protective equipment.
- Fire Watch.
- Lock out/Tag out.

7.2.3 Participation is required from all levels to ensure that the plan is developed and is set in motion.

7.2.4 Communication is vital. A well-prepared plan is worthless if it is not communicated to everyone involved.

TAKE THE TIME TO . . .

- Develop a plan.
- Involve subordinates in the planning process.
- Ensure that the plan is communicated to all levels.

7.3 Personal Protection

Protective clothing is a simple means to eliminate exposure to burns.

7.3.1 Welding leathers or fire resistant canvas/wool clothing is recommended when performing any type of hot work activity. Carhartt brand clothing or their equivalent is the next best choice (Make sure there are no loose or frayed threads because they will catch fire). Clothing should cover exposed skin. Avoid pockets and cuffs because they tend to catch slag and sparks. Avoid synthetic or lightweight cotton clothing because they may catch on fire and burn very easily. Burns must be reported immediately so that appropriate first aid and/or medical treatment can be provided. First aid equipment shall be available at all times.

- 7.3.2 Double eye protection is mandatory for all hot work activities. Make sure that the lens shade used is appropriate for the job. Safety glasses are required underneath welding hoods. Tinted face shields are available and add protection for the face as well as the eye.

7.4 Fire Watch Requirements

A Fire watch is required whenever welding or cutting is performed in locations where other than a minor fire might develop, or if any of the following conditions exist:

- Combustible materials are closer than 35 feet to the hot work.
- Combustibles are more than 35 feet away but are easily ignited by sparks.
- Wall or floor openings are within a 35-foot radius that expose combustible material in adjacent areas including concealed spaces in walls or floors.
- Combustible materials are present adjacent to the opposite side of metal partitions, walls, ceilings, or roofs that are likely to be ignited by conduction or radiation.

Anyone assigned to a fire watch position must receive training in hazard identification and the emergency plan prior to their initial assignment and at least annually thereafter. Listed below are some general training aids and specific responsibilities.

- 7.4.1 The person must be informed of the specific hazards identified in the activity plan.
- 7.4.2 The emergency, evacuation and alarm plan must be communicated and understood.
- 7.4.3 The person must ensure that no hot work is started before appropriate fire permits and lockouts have been obtained (if applicable).
- 7.4.4 The person must be trained in the use of fire extinguishers including the hazards involved in incipient stage fire fighting, the different types of extinguishers, proper care, and inspection requirements. Refer to Section 7.5.
- 7.4.5 The person must inspect all fire protection equipment such as extinguishers each day before the hot work starts. If there is no firewatch person then the person doing the hot work will do this inspection.
- 7.4.6 The person must be present when any hot work is being performed and must remain in the work area for at least thirty minutes after hot work is completed.
- 7.4.7 The person may only be assigned to an area that is constantly in his/her view.
- 7.4.8 The person should not participate in any other work activities while acting as firewatch.
- 7.4.9 The person will wear the appropriate personal protective equipment and will monitor protective needs of others such as protection from slag, flash, height related work, etc.
- 7.4.10 The person will monitor the work area for hazards that may arise as the work progresses.
- 7.4.11 The individual must be physically capable to handle any emergency.
- 7.4.12 If there is a fire, call 911 or security try to extinguish the fire with the fire extinguisher. If the fire is not out when extinguisher empty leave the area for a secure area and let the professionals put the fire out.

The fire watch should not be expected to enforce compliance regarding hot work safety. They shall, however, recommend changes to protect against fire starting to his/her immediate supervisor. They are to provide a focused set of eyes that will educate and monitor team members and their work areas to complete the activity without incident.

7.5 Fire Extinguishers

7.5.1 Obsolete Extinguishers

In 1969 American manufacturers stopped making inverting-type extinguishers. They include soda-acid, foam and cartridge operated water extinguishers.

DO NOT USE THESE EXTINGUISHERS!!

Some of their disadvantage's are...

- They cannot be turned off once activated.
- The agent is more corrosive than water.

- They are potentially dangerous. If the discharge hose is blocked, these extinguishers can build up pressure and explode.

7.5.2 Extinguisher Classification

- Class A - Appropriate for use on wood, paper and trash fires.
- Class B - Appropriate for use on flammable liquids, gasoline, oils, paints, garbage, etc.
- Class C - Appropriate for use on electrical fires.
- Class D – Fire extinguishers for use on specific metals.
- Combination ABC - Appropriate for use on class A, B, and C fires. The combination extinguisher is recommended for general use in Cianbro.
A combination extinguisher may not be as effective on a particular class of fire as an extinguisher specifically rated for just that class, but it will work on all three classes.

7.5.3 Extinguisher Inspection

Annual maintenance

Extinguishers must be subjected to maintenance by a competent person/organization every 12 months. The extinguisher's mechanical parts, extinguishing agent and expelling means must be examined and maintained.

Each extinguisher shall have a tag or label attached that indicates the month and year that the inspections, maintenance and recharging were performed and will identify the person performing the service. Tags may not be required if extinguishers are numbered, logged and inspections documented as part of a formal monthly inspection program.

7.5.4 Monthly Inspection

Extinguishers must be inspected monthly. The person doing the inspection must record his/her initials and the date the inspection was completed on the extinguisher. The inspection must include the following items:

- Located in designated place.
- No obstruction to access or visibility.
- Operating instructions on nameplate legible and facing outward.
- Seals and tamper indicators not broken or missing.
- Determine fullness by weighing or "hefting".
- Examine for obvious physical damage, corrosion, leakage, or clogged nozzle.
- Pressure gauge reading or indicator in the operable range or position.

7.5.5 Fire Extinguisher Mounting or Placing

- Portable fire extinguishers must be mounted and located so that they are easily identified and accessible to team members. Mount in a location where it can be not blocked by cabinets, equipment or tools.
- Mount fire extinguishers with brackets or make a stand painted red so that they are easily located throughout the project.
- A fire extinguisher of a rating of at least 10B must be provided within 50 feet of wherever 5 gallons of flammable or combustible liquids or 5 lbs of flammable gas are being used on a jobsite and anywhere hot work is being performed. Fire extinguishers being used with short duration activities do not need to be mounted.

For more details on fire extinguishers refer to NFPA No.10A-1970.

Hot work activities are dangerous.

Do Your Part! Plan the work. Communicate the plan. Train our team members.

8 Budget / Approval Process

- 8.1 It is the responsibility of each jobsite to procure and provide all materials and PPE required and provide necessary training.

9 Related Documents

9.1 Document available on Cianbro.net/Resources/Forms.

Hot Work Permit Form	SD1036
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9.2 Please Note: Training manual for presenter and student is located on Cianbro.net under Resources| Manuals| Monthly Safety Training Calendar & Material 3.0 March & 3.1 March.

RESPONDING TO AN AFTER HOURS EMERGENCY

In the event that a contractor must respond to an after-hours emergency the following steps shall be taken to help ensure the safety of everyone involved:

1. Attempt to notify Brian Larsen using the number supplied on the Cianbro contact list. If you cannot make contact begin calling the next team member on the list.
2. Once contact has been made with a Cianbro employee they will attempt to contact John Dientes, if no contact can be made they will begin calling team members off the contact list until one has agreed to respond.
3. All involved responders shall meet at the entrance to the project, and shall evaluate the need for outside agencies to respond i.e. (Fire, Police, etc.) No one shall proceed to any work area until all necessary parties have arrived.
4. NO TEAM MEMBER IS TO INVESTIGATE AN AFTER-HOURS EMERGENCY SITUATION ALONE.

CIANBRO - PHASE I LOGISTICS

ADDED SIGNAGE AND CROSS WALK WITH BLOCK DESIGN PAVEMENT MARKINGS TO ROUTE PEDESTRIANS (ADA COMPLIANT) TO THE NORTH SIDEWALK OF FREE ST.

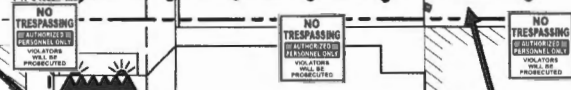
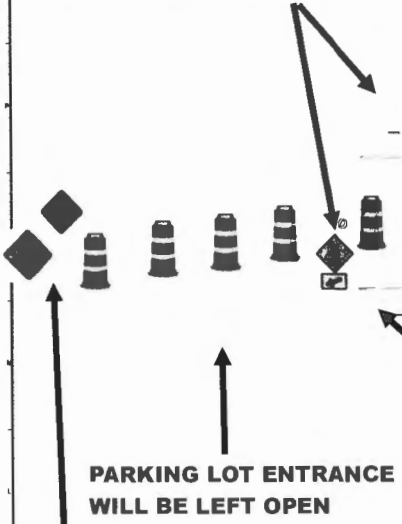
5 METERS WILL BE TAKEN OUT OF SERVICE. NO PARKING SIGNAGE WILL BE IN PLACE

BROWN STREET

END CONSTRUCTION SIGNAGE

ONE LANE OF FREE STREET TO BE LEFT OPEN (MAINTAIN 20'-0" OF ROAD CLEARANCE FOR PORTLAND FIRE DEPARTMENT)

FREE STREET



CONSTRUCTION ACCESS GATE

SIDEWALK CLOSED AND BARRICADE




10 METERS WILL BE TAKEN OUT OF SERVICE



PORTLAND MUNICIPAL PARKING GARAGE

CUMBERLAND COUNTY CIVIC CENTER

Delivery Entrance

-  - MOVEABLE JERSEY BARRIERS W/VISIBILITY SCREENS
-  - CHAIN LINK GATE
-  - CHAIN LINK PERSONEL GATE

AUGUST 27, 2012 — FEBRUARY 15, 2013
25 WEEKS

